CTD, Incorporated

3355 North Five Mile Road, #334
Boise, Idaho 83713-3925
(208) 376-7686

August 25, 2009

Ms. Diana Mason, Petroleum Technician
State of Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Exception Location: McKinnon #33-32-11-7
Surface Location: 2566' FSL, 2568' FEL, Section 32, T11N-R7E
(Approximate Center of Section)
Rich County, Utah

Dear Ms. Mason:

CTD, Inc. intends to drill a well in the near future at the location as described above. Therefore, CTD, Inc. herewith submits this exception location letter in accordance with Oil and Gas Conservation Rules 649-3-2, requesting the granting of an exception well location supported by the following information:

- The well (core test) is being placed at the above location so that it may be used for a frac monitoring well in the event that a future need arises.
- CTD, Inc. certifies that it is the sole working interest owner of all lands within 460 feet of the well surface and bottom hole locations.
- CTD, Inc. has an agreement from the surface owner for the placement of the location and a Surface Use Agreement.

Based on the information provided, CTD, Inc. requests that the Division grant the exception to the location and siting requirements of R649-3-2. Should you have any questions or need further information, please contact Roxie Simpson at (406) 247-8717.

Sincerely,

CTD, Inc.

Carol T. Davis
President

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 801-537-9230

1. State Agency	**2. Approximate date project will start:**
Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	Upon Approval or April 1, 2010

3. Title of proposed action:
Application for Permit to Drill

4. Description of Project:

CTD, Inc. proposes to drill the McKinnon 33-32-11-7 well (wildcat) on Fee lease, Rich County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.

5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)
(include UTM coordinates where possible) **(indicate county)**
2566' FSL 2568' FEL, NW/4 SE/4,
Section 32, Township 11 North, Range 7 East, Rich County, Utah

6. Possible significant impacts likely to occur:
Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.

7. Identify local government affected
a. Has the government been contacted? No.
b. When?
c. What was the response?
d. If no response, how is the local government(s) likely to be impacted?

8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:
a. Has the representative and senator been contacted? N/A

9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)
Bear River Association of Government

10. For further information, contact:	**11. Signature and title of authorized officer**
Diana Mason **Phone:** (801) 538-5312	Gil Hunt, Associate Director **Date:** September 9, 2009

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Fee	6. SURFACE: Fee

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: CTD, Inc.

9. WELL NAME and NUMBER: McKinnon 33-32-11-7

3. ADDRESS OF OPERATOR: 3355 North Five Mile Rd #334 CITY Boise STATE ID ZIP 83713-3925

PHONE NUMBER: (208) 376-7686

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 2566' FSL, 2568' FEL 485194X 4610810Y 41.650815 -111.177803

AT PROPOSED PRODUCING ZONE: same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 1.3 miles southeast of the town of Randolph, UT.

12. COUNTY: Rich

13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
450'	822.75	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
N/A	9,600	Surety F20894
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6267' ungraded ground	4/1/2010	45 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4"	9 5/8" J or K-55 36#	2,500	Varicem Cmt (lead)	430 sx	2.94 ft3/sk	11.5 ppg
			Varicem Cmt (tail)	185 sx	1.8 ft3/sk	13.5 ppg
8 3/4"	5 1/2" P-110 20#	9,545	Econocem	535 sx	1.49 ft3/sk	13.5 ppg

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

☑ SUA

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis DATE 9-2-09

(This space for State use only)

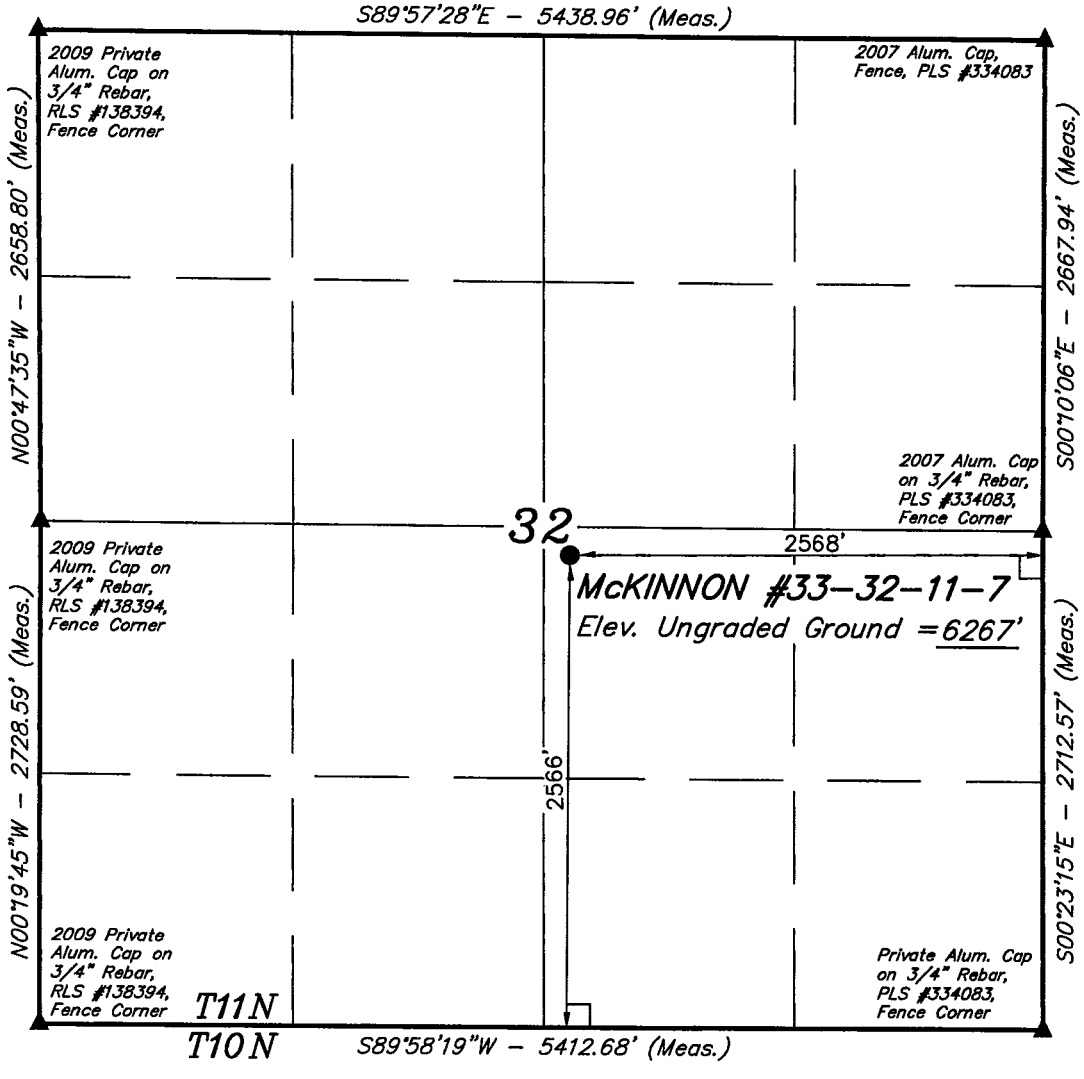
API NUMBER ASSIGNED: 43-033-30071

APPROVAL:

RECEIVED
SEP 08 2009
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

T11N, R7E, S.L.B.&M.



(NAD 83)
LATITUDE = 41°39'01.89" (41.650525)
LONGITUDE = 111°10'42.96" (111.178600)
(NAD 27)
LATITUDE = 41°39'02.10" (41.650583)
LONGITUDE = 111°10'40.25" (111.177847)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

CTD, Inc.

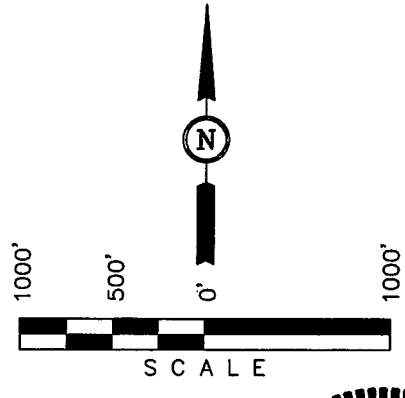
Well location, McKINNON #33-32-11-7, located as shown in the NW 1/4 SE 1/4 of Section 32, T11N, R7E, S.L.B.&M., Rich County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 28, T11N, R7E, S.L.B.&M. TAKEN FROM THE RANDOLPH QUADRANGLE, UTAH, RICH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6265 FEET.

BASIS OF BEARINGS

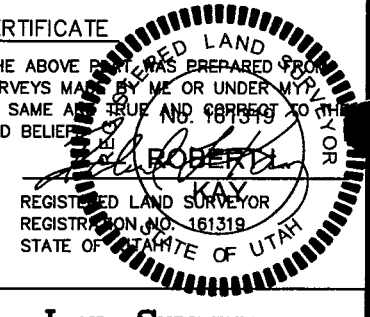
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

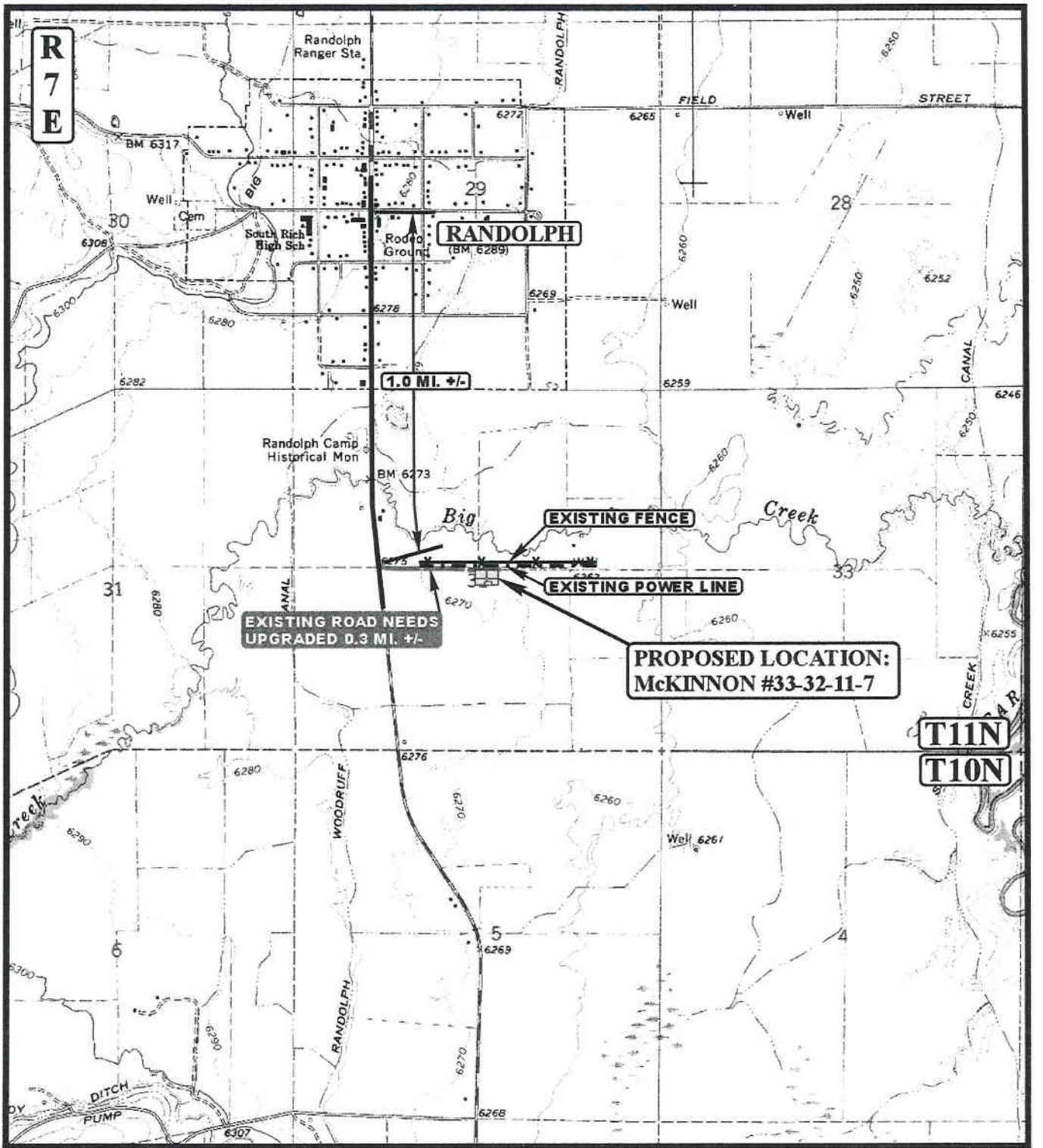
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-31-09	08-03-09
PARTY	**REFERENCES**	
B.B. D.R. L.K.	G.L.O. PLAT	
WEATHER	**FILE**	
HOT	CTD, Inc.	



LEGEND:

EXISTING ROAD
EXISTING ROAD NEEDS UPGRADED
EXISTING POWER LINE
EXISTING FENCE

N

CTD, Inc.

McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	03 DAY	09 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/08/2009

API NO. ASSIGNED: 43-033-30071

WELL NAME: MCKINNON 33-32-11-7

OPERATOR: CTD, INC. (N3605)

PHONE NUMBER: 208-376-7686

CONTACT: CAROL DAVIS

PROPOSED LOCATION:

NWSE 32 110N 070E

SURFACE: 2566 FSL 2568 FEL

BOTTOM: 2566 FSL 2568 FEL

COUNTY: RICH

LATITUDE: 41.65082 LONGITUDE: -111.17780

UTM SURF EASTINGS: 485194 NORTHINGS: 4610810

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering	DKD	12/28/09
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: MDSN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. F20894)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 23-596)

Y RDCC Review (Y/N)
(Date: 09/24/2009)

Y Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

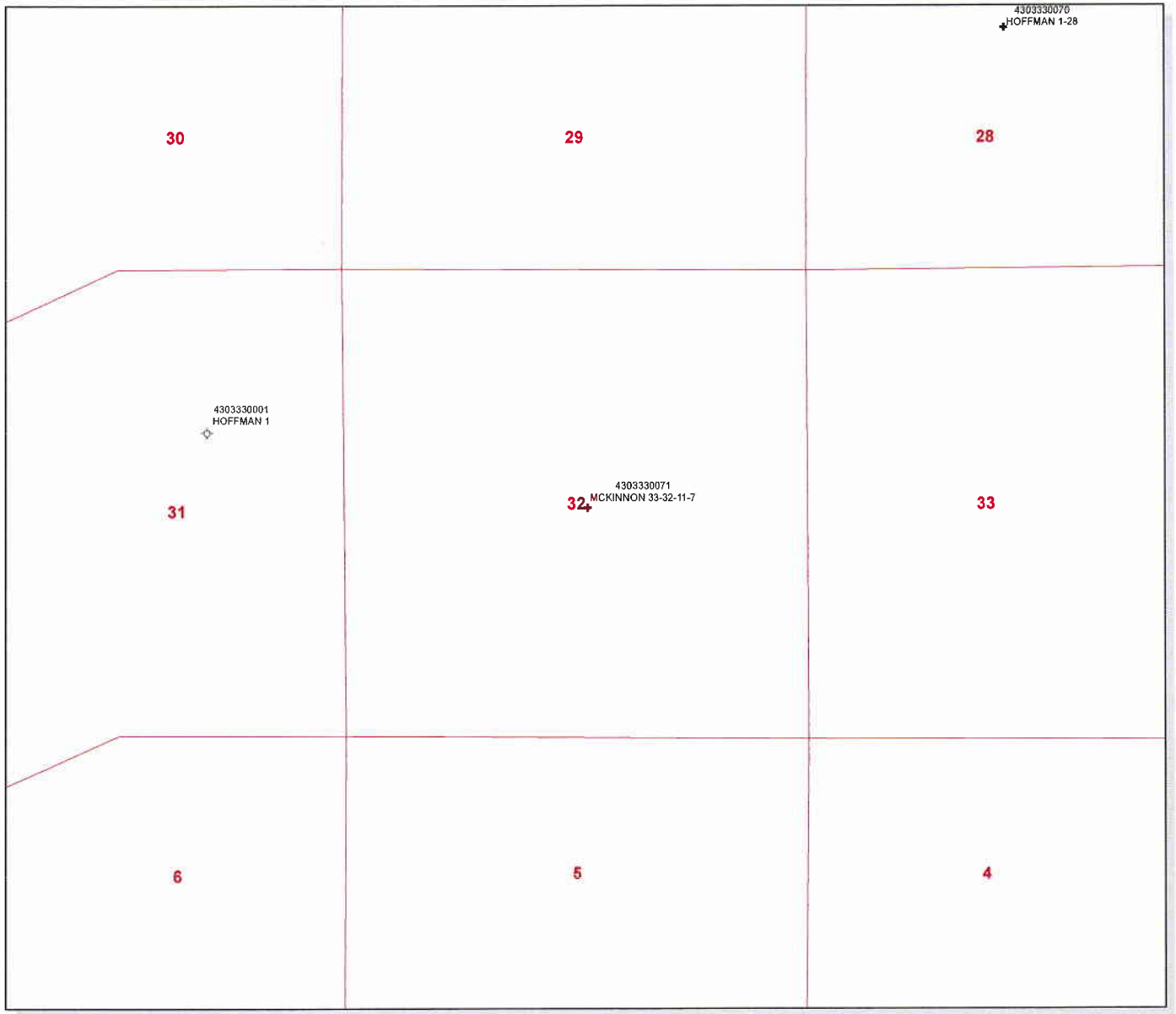
Eff Date: _____

Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (09-29-09)

STIPULATIONS: 1- Spacing Slip
2- STATEMENT OF BASIS



API Number: 4303330071

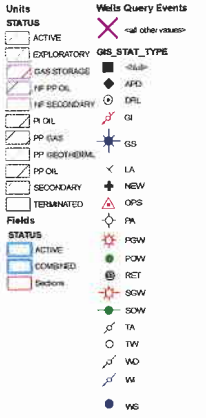
Well Name: MCKINNON 33-32-11-7

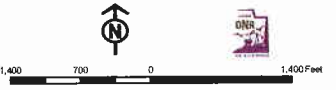
Township 11.0 N Range 07.0 E Section 32

Meridian: SLBM

Operator: CTD, INC.

Map Prepared:
Map Produced by Diana Mason





1:14,195

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
2011	43-033-30071-00-00		GW	P	No

Operator CTD, INC. **Surface Owner-APD**
Well Name MCKINNON 33-32-11-7 **Unit**
Field WILDCAT **Type of Work**
Location NWSE 32 11N 7E S 2566 FSL 2568 FEL GPS Coord (UTM) 485194E 4610810N

Geologic Statement of Basis

A moderately permeable soil is developed on the Quaternary (Holocene) Main Stream Alluvium of the Bear River valley flood plain. Nearby drilled control into the flood plain is about 2 miles southwest. In that well the Nugget Sandstone Aquifer was encountered at ~ 3,500' and Jurassic age Twin Creek Limestone was drilled below the alluvium at little more than 900'. Tentatively identified Eocene Fowkes Formation strata are possibly exposed ~1.5 miles west northwest of the flood plain-sited well location and Paleozoic strata about 3 miles to the southeast. The expected formation tops prognosticate ~1,800' of alluvium atop Jurassic age Twin Creek Limestone. If fractured Twin Creek Limestones and permeable Ankareh Formation sandstone are encountered, they may contain high quality ground water. The operator proposes a benign, fresh water based mud system. The proposed Surface casing and cementing program should adequately protect any high quality ground water resources above 2,500'. The mud system should not contaminate any high quality ground water resources below that depth. Numerous water rights have been filed on underground water resources (200' deep or less) within a mile of the location. I haven't been able to locate any Base of Moderately Saline Ground Water information in this area.

Chris Kierst	10/22/2009
APD Evaluator	**Date / Time**

Surface Statement of Basis

A presite was conducted at 09:00 am October 29th ,2009 This proposed location is 1.5 miles west of the Bear River. State Highway 16 for access to the remaining 0.3 miles of acces road needing to be upgraded on landowners Ross McKinnon property who attended the presite. At time of presite CTD has a surface agreement with the landowner.

General topography in the Randolf area is flat and is suitable for agricultural, irrigated hay, grazing, and wildlife habitat. This area is easily accessed off State Highway 16. Operator will be required to upgrade an exsisting road 0.3 mile onto landowners property. If the area has a heavy snow fall and large runoff the Bear River will overflow it's banks 1.5 mile east of pad location. Per landowner this overflow will not affect the location. This pasture is flood irrigated from May 1 thru July 15 each year. There is one irrigation ditch in place that runs through the proposed pad from the middle south side of pad to the NE corner of pad. This ditch will not need to be diverted per landowner. It will be filled in during pad construction. The ditch is not in use any longer.

The proposed McKinnon 33-32-11-7 pad runs east west direction and is located in the Bear River valley . The construction material needed for this location and access road will be obtained from the local Randolf gravel pit. The pad is located on flat ground.

Ross McKinnon owns the property the location is to be built on. Ross had no other concerns that were not addressed in his contract with CTD Inc. Mr. McKinnon is a local magistrate does not see any local opposition and says the area would like to see development.

The optimal time to drill would be after the flood irrigation has stopped in July. The reserve pit should be pumped dry after the completion of drilling.

The selected location for this well is suitable for drilling.

Ted Smith	9/29/2009
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CTD, INC.
Well Name MCKINNON 33-32-11-7
API Number 43-033-30071-0 **APD No** 2011 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWSE **Sec** 32 **Tw** 11N **Rng** 7E 2566 FSL 2568 FEL
GPS Coord (UTM) 485192 4610788 **Surface Owner**

Participants

Ted Smith-DOGM, Dick Padon-CTD, Dale Wickersham-CTD, Ross McKinnon-Surface Landowner, Mel Coonrod-Environmental Industrial Services.

Regional/Local Setting & Topography

Flat Bear River valley with cultivated hay fields and open pasture as ground cover. This valley sits between the Crawford Mountains to the east and the Monte Cristo Range to the west. Surrounding area is dry by mid July. Area of proposed pad is flood irrigated from 5/1-7/5. Proposed location is approximately 0.75 mile South SE of the town of Randolf. Altitude at site approximately 6266'.

Surface Use Plan

Current Surface Use

Grazing

New Road Miles	Well Pad		Src Const Material	Surface Formation
0	**Width** 220	**Length** 340	Offsite	ALLU

Ancillary Facilities N

None with exception of trailers to be on location during drilling operations.

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flood irrigation 5/1-7/15

Flora / Fauna

Flora around the drill location area consist of - Wire Grass, Fox Tail, Clover, White Top,Winter Fat, and Crested wheatgrass.

Fauna around the drill location area consist of - Fox, Coyote, Sandhill Crane, Cattle, and Rabit.

Soil Type and Characteristics

Brown river valley fill

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required Y

Irrigation ditch will be bladed over for pad. Original ditch will be filled in no longer in use.

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	>50	10
Presence Nearby Utility Conduits	Present	15
	Final Score	62 1 **Sensitivity Level**

Characteristics / Requirements

Flora around the drill location area consist of - Wire Grass, Fox Tail, Clover, White Top,Winter Fat, and Crested wheatgrass.

Fauna around the drill location area consist of - Fox, Coyote, Sandhill Crane, Cattle, and Rabit.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 12 **Pit Underlayment Required?** N

Other Observations / Comments

CTD Inc. will use a open lined pit program. All pit fluids will be hauled to an approved disposal site for waste management once well is completed. Fresh water source will be the Bear River with point of diversion in the NE 1/4 of SW 1/4 Section 28 water permit # 23-596 and 23-2. Access road state highway 16 to landowners gravel road through landowners (Ross McKinnon) property for 0.3 mile to access API #4303330071. There is a over headpower line along the gravel road. A high pressure pipeline follows state highway 16 0.3 mile for proposed location. The town of Randolf is .75 mile North NW of location. Agricultural irrigation is done by the method of flooding. A water well is located 0.2 mile North of location. The Bear River is approximately 1.5 mile from location. There are no other oil and gas wells within one mile of proposed well. There is an agreement in place between landowner and CTD Inc dated 8/13/2009. There is no local disagreement by local landowners with this drilling program at time of presite. Rig lights and noise may be seen and heard in the town of Randolf. Operator (CTD) will hold a town meeting to inform residents of this operation. This meeting will take place at the county courthouse on 10/5/2009 at 18:00. H2S is possible from this well. Photos are located in well file.

Ted Smith	9/29/2009
Evaluator	**Date / Time**

utah gov

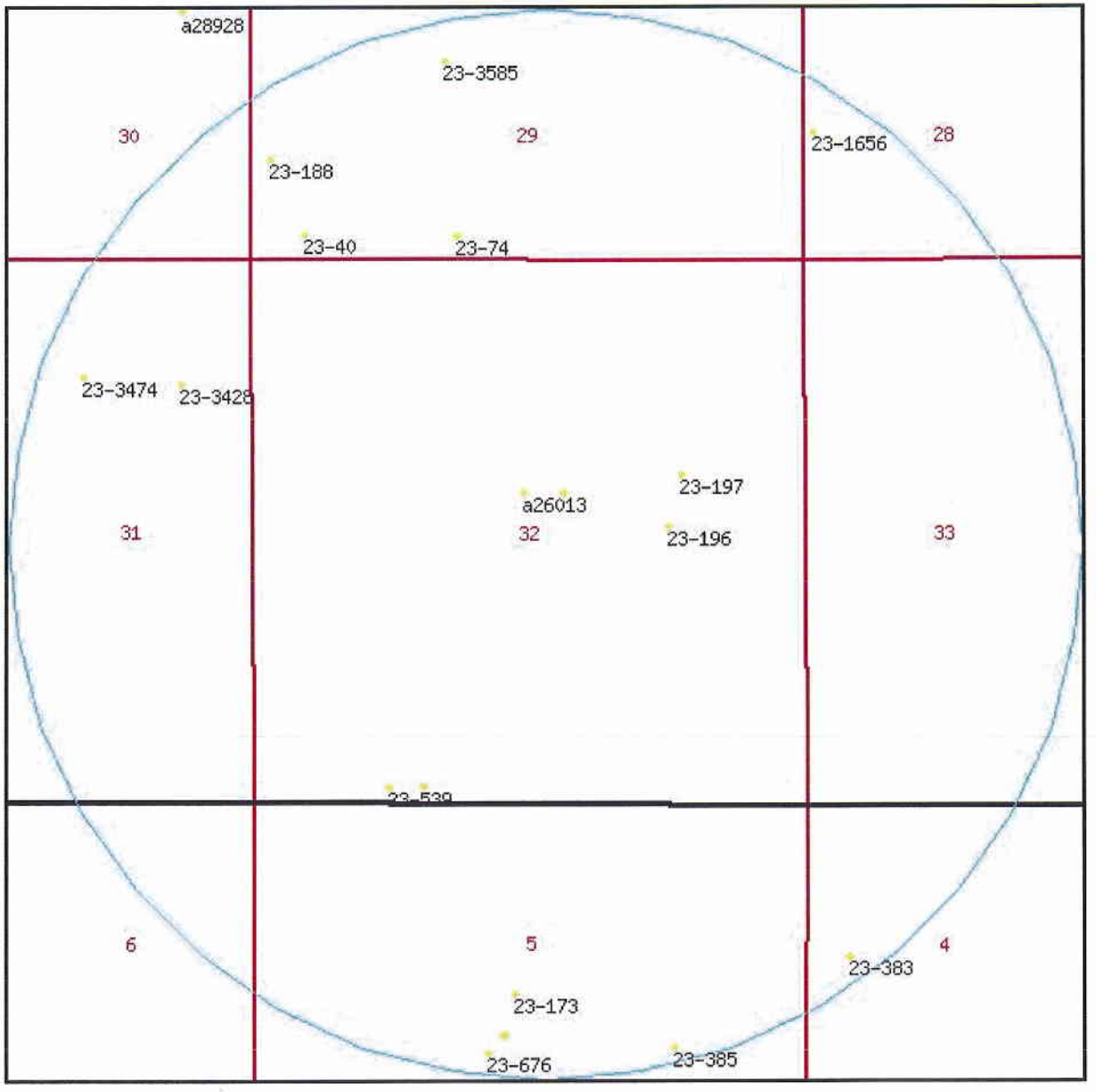
Search all of Utah.gov »

Utah Division of Water Rights

Output Listing

Version: 2009.05.06.00 Rundate: 10/22/2009 05:17 PM

Radius search of 5280 feet from a point N2566 W2568 from the SE corner, section 32, Township 11N, Range 7E, SL b&m
Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
23-1442	Underground		P	19520817	DS	0.015	0.000	SCOTT L. JACOBSON
	N375 E2470 W4 05 10N 7E SL							P. O. BOX 4
23-1656	Underground		P	19591123	S	0.050	0.000	GLENN & THELMA MCKINNON
	N1270 E75 SW 28 11N 7E SL							C/O G. MARK MCKINNON
23-173	Underground		P	19340902	S	0.011	0.000	THERON HATCH
	S1880 W170 N4 05 10N 7E SL							RANDOLPH UT 84064
23-187	Underground		P	19240000	D	0.011	0.000	DAVID M. HOFFMAN
	N990 E190 SW 29 11N 7E SL							RANDOLPH UT 84064
23-188	Underground		P	19240000	S	0.011	0.000	KEITH H. AND BARBARA N. HOFFMAN
	N990 E190 SW 29 11N 7E SL							RANDOLPH UT 84064
23-196	Underground		P	19200000	DS	0.011	0.000	EDWIN C. & ALICE HOFFMAN
	N2750 W1380 SE 32 11N 7E SL							RANDOLPH UT 84064
23-197	Underground		P	19300000	S	0.011	0.000	EDWIN C. & ALICE HOFFMAN
	S2115 W1225 NE 32 11N 7E SL							RANDOLPH UT 84064
23-2266	Underground	well info	P	19340000	DS	0.015	0.000	SCOTT L. JACOBSON
	N370 E2440 W4 05 10N 7E SL							P. O. BOX 4
23-3428	Surface		P	19750905	IS	2.000	0.000	KEITH & BARBARA N. HOFFMAN
	S1230 W700 NE 31 11N 7E SL							1380 EAST 1700 NORTH
23-3474	Underground		P	19770519	S	0.015	0.000	KEITH HOFFMAN

	S1170 W1650 NE 31 11N 7E SL					1380 EAST 1700 NORTH
23-3585	Underground	well info	P	19801208 M	1.500 0.000	RANDOLPH CITY
	S730 E1900 W4 29 11N 7E SL					RANDOLPH UT 84064
23-366	Underground		P	19340000 S	0.011 0.000	LYNN MCKINNON
	N160 E1640 SW 32 11N 7E SL					RANDOLPH UT 84064
23-383	Underground		P	19340000 S	0.022 0.000	ORVAL JOHNSON
	N1230 E425 W4 04 10N 7E SL					RANDOLPH UT 84064
23-3840	Underground		A	20040426 I	0.000 14.700	RICH COUNTY SCHOOL DISTRICT
	S250 W700 E4 30 11N 7E SL					POB 67
23-385	Underground		P	19340000 S	0.022 0.000	WILLIAM JOHNSON
	N325 W1290 E4 05 10N 7E SL					RANDOLPH UT 84064
23-40	Underground		P	19050000 DS	0.011 0.000	SARA CORLESS
	N240 E535 SW 29 11N 7E SL					RANDOLPH UT 84064
23-532	Underground		P	19340000 S	0.022 0.000	ROSS K. AND DEBRA R. MCKINNON
	S2300 E350 N4 32 11N 7E SL					JOINT TENANTS
23-539	Underground		P	18950000 S	0.011 0.000	GLEN HATCH & JOETTE C. THOMSON
	N135 E1315 SW 32 11N 7E SL					RANDOLPH UT 84064
23-676	Underground		P	19340000 DS	0.022 0.000	SCOTT L. JACOBSON
	N200 E2300 W4 05 10N 7E SL					P. O. BOX 4
23-74	Underground		P	19050000 S	0.002 0.000	LAWRENCE HANNEY

	N245 W695 S4 29 11N 7E SL					RANDOLPH UT 84064
a26013	Underground	well info	A	20011003 S	0.022 0.000	ROSS K. AND DEBRA R. MCKINNON
	S2300 W50 N4 32 11N 7E SL					JOINT TENANTS
a28928	Underground		A	20040426 I	0.000 15.300	RICH COUNTY SCHOOL DISTRICT
	S250 W700 E4 30 11N 7E SL					25 SOUTH 100 WEST

State of Utah
GARY R. HERBERT
Governor
GREG BELL
Lieutenant Governor

Office of the Governor
PUBLIC LANDS POLICY COORDINATION
JOHN HARJA
Director

43-033-30071

RDCC was up on 9/24/09

October 7, 2009

Diana Mason
Petroleum Technician
Oil, Gas and Mining
1595 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Subject: Application for Permit to Drill: McKinnon 33-32-11-7 Well in Rich County
RDCC Project No. 09-10860

Dear Ms. Mason:

The State of Utah, through the Public Lands Policy Coordination Office (PLPCO), has reviewed this project. PLPCO makes use of the Resource Development Coordinating Committee (RDCC) for state agency review of activities affecting state and public lands throughout Utah. The RDCC includes representatives from the state agencies that are generally involved or impacted by public lands management. Utah Code (63J-4-501 *et seq.*) instructs the RDCC to coordinate the review of technical and policy actions that may affect the physical resources of the state and facilitate the exchange of information on those actions among federal, state, and local government agencies. The Division of Air Quality provides the following comments:

Division of Air Quality

The proposed well drilling project may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project in Rich County maybe subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an

Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The State of Utah appreciates the opportunity to review this proposal and we look forward to working with you on future projects. Please direct any other written questions regarding this correspondence to the Resource Development Coordinating Committee at the address below, or call Judy Edwards at (801) 537-9023.

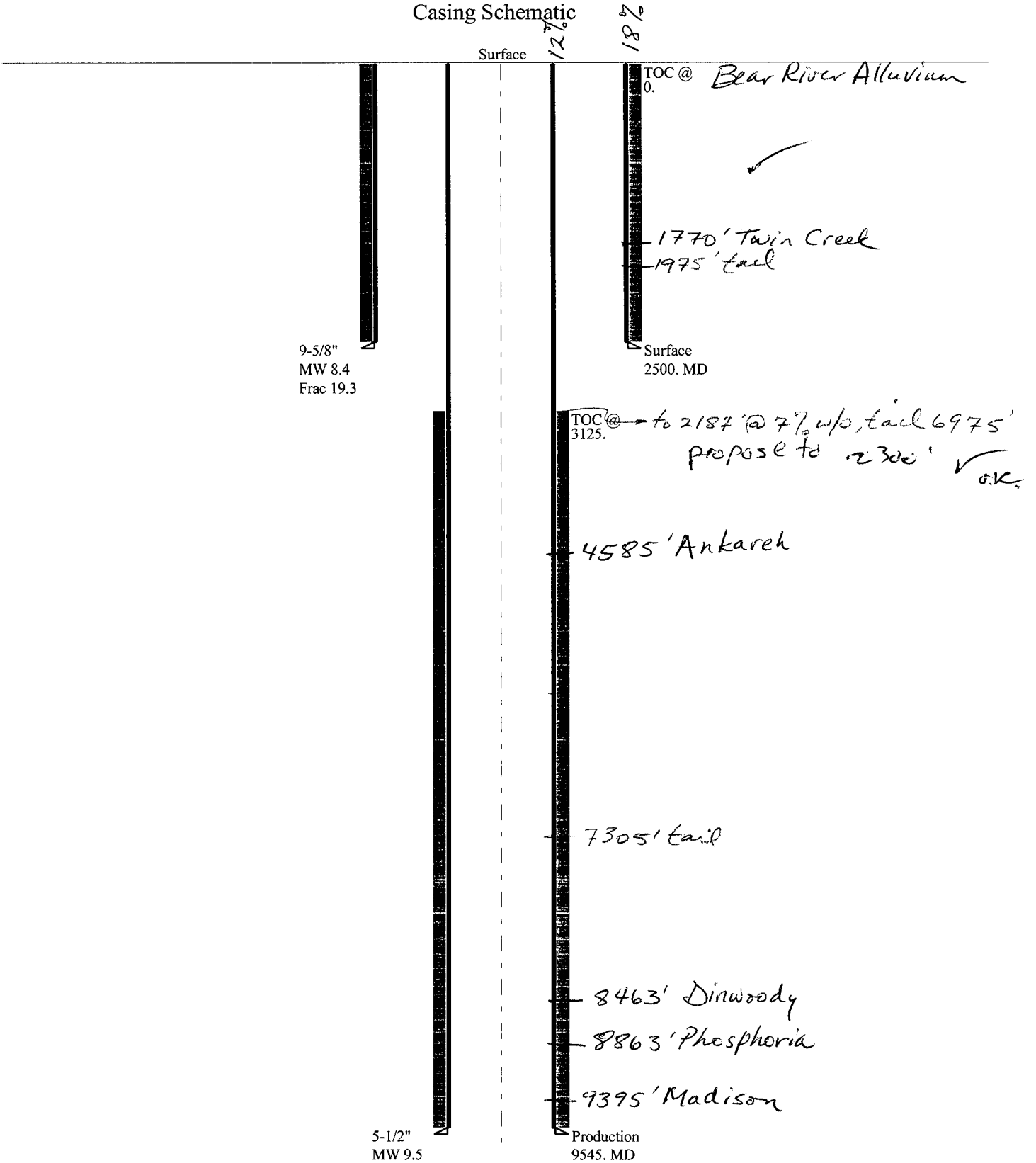
Sincerely,

John Harja
Director

cc: Kimberly Kreykes, Division of Air Quality

43033300710000 CTD McKinnon 33-32-11-7

Casing Schematic



Well name:	**43033300710000 CTD McKinnon 33-32-11-7**
Operator:	**CTD Inc.**
String type:	Surface
Project ID:	43-033-30071-0000
Location:	Rich County

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.
Neutral point: 2,189 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	100 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	185 ft
Cement top:	Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	9,545 ft
Next mud weight:	9.500 ppg
Next setting BHP:	4,711 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	2,500 ft
Injection pressure:	2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2500	9.625	36.00	J-55	ST&C	2500	2500	8.796	1085.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1091	2020	1.852	2500	3520	1.41	90	394	4.38 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 831-538-5357
FAX: 801-359-3940

Date: December 21,2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43033300710000 CTD McKinnon 33-32-11-7**
Operator:	**CTD Inc.**
String type:	Production
Project ID:	43-033-30071-0000
Location:	Rich County

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,611 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,711 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.
Neutral point: 8,172 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	199 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	3,125 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9545	5.5	20.00	P-110	LT&C	9545	9545	4.653	1188.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4711	11100	2.356	4711	12630	2.68	191	548	2.87 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 831-538-5357
FAX: 801-359-3940

Date: December 21,2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 9545 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW — CTD Inc. — McKinnon 33-32-11-7 — 43-033-30071-0000

INPUT

Well Name	CTD Inc.	McKinnon 33-32-11-7	43-033-30071-0000	
	String 1	String 2		
Casing Size (")	9 5/8	5 1/2		
Setting Depth (TVD)	2500	9545		
Previous Shoe Setting Depth (TVD)	60	2500		
Max Mud Weight (ppg)	8.4	9.5	✓	
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	3520	12630		
Operators Max Anticipated Pressure (psi)	4742	9.6 ppg	✓	

Calculations	String 1	9 5/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	1092		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	792	NO	mud = fresh water + gel as needed, diverter on cond. ✓ ok
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	542	NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	555	NO	
Required Casing/BOPE Test Pressure		2464	psi	
***Max Pressure Allowed @ Previous Casing Shoe =**		60	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "		
Max BHP [psi]	.052*Setting Depth*MW =	4715		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3570	YES	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2615	YES	ok
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3165	NO	✓ ok
Required Casing/BOPE Test Pressure		5000	psi	
***Max Pressure Allowed @ Previous Casing Shoe =**		2500	psi	*Assumes 1psi/ft frac gradient

FIGURE 1 - MAP TO HOSPITAL

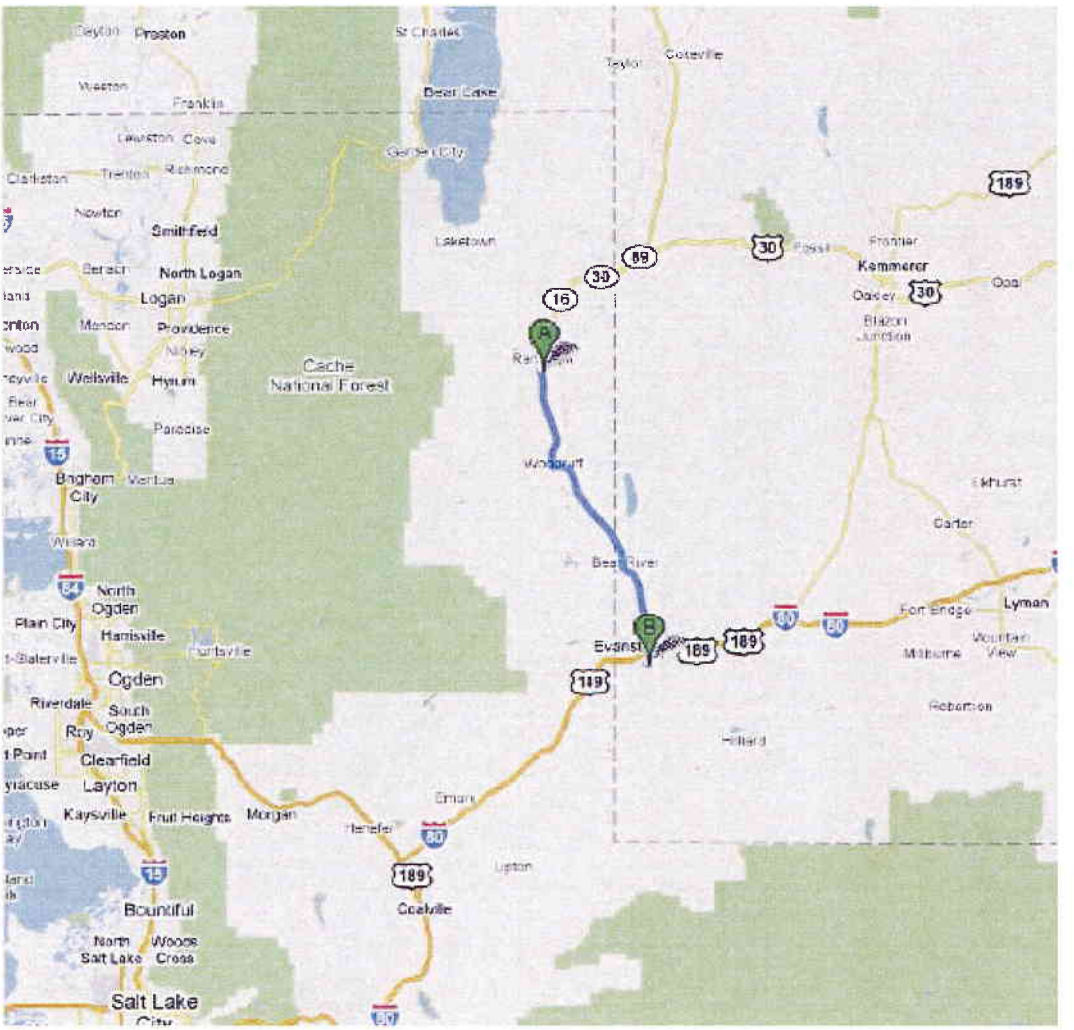
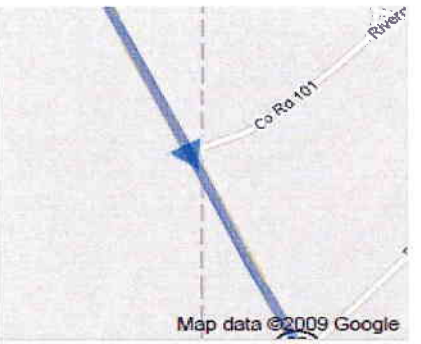


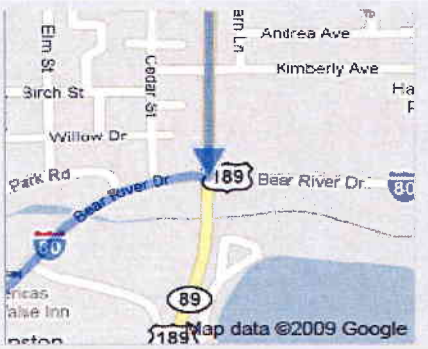
Figure 2 - Map Details off Hwy

Continue onto **WY-89 S**
About 17 mins



go 11.6 mi
total 35.1 mi

Turn **right** at **Bear River Dr**
About 1 min

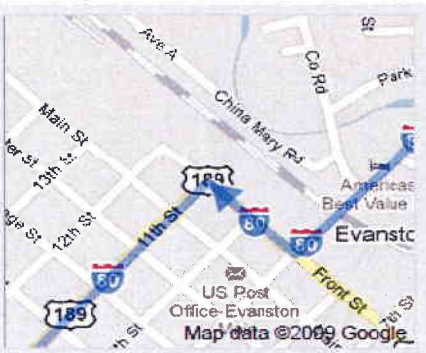


go 0.4 mi
total 35.5 mi

Turn **right** at the 1st cross street onto **Front St**

go 0.1 mi
total 35.7 mi

Take the 2nd **left** onto **11th St/Harrison Dr**
Continue to follow Harrison Dr
About 2 mins



go 1.2 mi
total 36.8 mi

Figure 2 - Map Details off Hwy (continued)

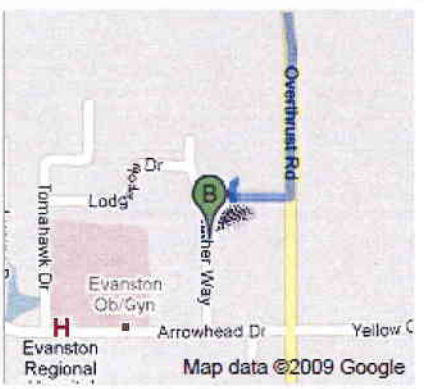
Continue onto **Overthrust Rd**
About 2 mins

go 1.3 mi
total 38.1 mi

Turn **right** at **Lodgepole Dr**

go 0.1 mi
total 38.2 mi

Turn **left** at **Feather Way**
Destination will be on the right



go 259 ft
total 38.3 mi

I. Duties & Responsibilities

In order to assure proper execution of the contingency plan, it is essential that one person be responsible for and in complete charge of implementing the procedures outlined in this plan. The order of responsibility will be as follows:

1. CTD, INC. representative on location - if unable to perform his/ her duties

2. Alternate CTD, INC. representative - if unable to perform his/ her duties

3. Rig Toolpusher/ Supervisor - if unable to perform his/ her duties

4. Safety consultant representative- if available.

A. All Personnel

1. Always be alert for possible H2S alarms- both audible and visual.

2. Be familiar with location of Safe Briefing Areas (SBA) and protective breathing equipment.

3. Develop "wind awareness". Be aware of prevailing wind direction as well as nearby uphill areas, should there be no wind.

4. Familiarize yourself with nearest escape routes for safe evacuation

5. Should H2S alarm sound, DON'T PANIC - Remain calm and follow instructions of person in charge.

6. If the H2S alarms sound:

a. Essential personnel shall don the appropriate respiratory protective equipment and follow company procedures. Essential personnel will continue to wear respiratory protective equipment until the area is deemed safe (H2S concentration less than 10 PPM)

b. Non-essential personnel shall evacuate to the appropriate safe briefing area using escape-breathing systems. Wait there for further instructions from CTD, INC. representative.

C. Initiate rescue protocol if necessary- following training procedures.

B. CTD, INC.

1. The CTD, INC. foreman will confirm that all personnel on location at any time are trained in H2S safety and aware of above list of duties. Provided H2S has been verified to be present during daily operations.

2. The CTD, INC. foreman will ensure that all personnel observe all safety and emergency procedures.

3. The CTD, INC. foreman will make an effort to keep the number of personnel on location to a minimum and to ensure that only essential personnel are on location during critical operations.

4. Should and extreme danger condition arise, the CTD, INC. foreman will:

a. Assess the situation and advise all personnel by appropriate means of communication.
b. Be responsible for determining that the extreme danger condition is warranted and the red flag shall be posted at location entrance.
c. Go to safe briefing area and give clear instructions relative to hazard on location, and actions for personnel to follow.
d. Notify company and regulatory groups of current situation as outlined in company protocol. Follow appropriate emergency procedures for emergency services notification.
e. Proceed to rig floor and supervise operations with rig supervisor. Take action to control and reduce the H2S hazard.
f. Ensure that essential personnel are properly protected with supplied air breathing equipment and that non-essential personnel are in a "poison gas free" area.
g. Be responsible for authorizing evacuation of persons/ residents in area surrounding the drilling location.
h. Commence any ignition procedures if ignition criteria are met.

C. Rig Supervisor- Toolpusher

1. If the CTD, INC. foreman is unable to perform his/ her duties, and the alternate foreman is also unable or unavailable to perform his duties, the drilling rig toolpusher will assume command of wellsite operations and all responsibilities listed above for drilling foreman.

2. Ensure that all rig personnel are properly trained to work in H2S environment and fully understand purpose of H2S alarms, and actions to take when alarms activate. Ensure that all crew personnel understand the buddy system, safe briefing areas, and individual duties as well as emergency evacuation procedures.
3. Should an extreme danger operational condition arise, the rig toolpusher shall assist the CTD, INC. foreman by:

a. Proceeding to the rig floor and assist in supervising rig operations.

b. Ensure that only essential working personnel remain in hazardous areas.

c. Ensure that all crewmembers that remain in hazardous area, wear respiratory protective equipment until notified that area is "clear" of any toxic gases.

d. Assign rig crewmember or other service representative to block entrance to location. No unauthorized personnel will be allowed entry to location.

e. Help to determine hazardous "danger zones" on location using portable detection equipment and position electric fans to move gas in any high concentration areas.

D. Safety Consultant

1. During normal operations (no H2S present), there will be no safety consultant on site. Should an H2S hazard become present, operations will be halted and a safety consultant will be brought out to the drilling site at which time he or she will have the following responsibilities.

a. Ensure that all wellsite safety equipment is in place and operational.

b. Ensure that all wellsite personnel are familiar with location safety layout and operation of all safety equipment.

c. Assist the CTD, INC. foreman in performing weekly H2S drills for location personnel.

2. When an operational condition is classified as extreme danger, the safety consultant will be responsible for the following:

a. Account for all wellsite personnel

b. Assess any injuries and direct first aid measure.

c. Ensure that all safety and monitoring equipment is functioning properly and available.

d. Monitor the safety of wellsite personnel

e. Maintain a close communication with CTD, INC. foreman.

f. Be prepared to assist CTD, INC. foreman with support for rig crew or other personnel using breathing equipment.

g. Be prepared to assist CTD, INC. foreman with emergency procedures including possible well ignition.

h. Be prepared to assist with evacuation of any area residents or other personnel working in the immediate area.

E. Operation Center Foreman (IF Applies)

1. The CTD, INC. Operations Center Foreman will be responsible for notifying and maintaining contact with company production manager as well as other company supervisory personnel.

2. Maintain communication with the CTD, INC. foreman to proceed with any other assistance that might be required.

3. Travel to wellsite if appropriate

4. Assist CTD, INC. foreman with all other notifications - both company and regulatory.

II. Well Location Layout

A. Location

1. All respiratory protective equipment and H2S detection equipment will be rigged up 1000 ft prior to entering the first sour formation. The rig crews and other service personnel will be trained at this time if operations should dictate it to be necessary. All rig crews will be trained and all safety equipment will be in place and functioning when work begins on that well formation.

2. The drilling rig will be situated on location to allow for the prevailing winds to blow across the rig toward the circulation tanks or at right angles to the lines from the B.O.P.s to the circulation tanks.

3. The entrance to the location is designed so that it can be barricaded if a hydrogen sulfide emergency condition arises. An auxiliary exit route will be available so that in case of an emergency, a shift in wind direction would not prevent escape from the location.

4. A minimum of 2 safe briefing areas (SBA) shall be designated for assembly of personnel during emergency conditions. These will be located at least 150 ft. or as practical, from the wellbore and in such a location that at least one area will be upwind of the well at all times. Upon recognition of an emergency situation, all personnel will be trained to assemble at the designated briefing area for instructions.

5. Smoking areas will be established and "No Smoking" signs will be posted around the location.

6. Reliable 24 hour telephone communications will be available at the drilling foremen's office.

7. A mud-gas separator will be rigged up and manifolded to the choke system.

8. All equipment that might come in to contact with hydrogen sulfide - drill pipe, drill stem test tools, blowout preventers, casing, choke system will meet CTD, INC. metallurgy requirements for H2S service.

9. The drilling rig will have a continuous electronic H2S detection system that automatically will activate visible and audible alarms if hydrogen sulfide is detected. The visible light will activate if 10 ppm H2S is present. The audible siren will activate if 15 ppm H2S or higher concentration is present. There will be at least 4 H2S sensors in place on the drilling rig. They will be located to detect the presence of hydrogen sulfide in areas where it is most likely to come to surface. The sensor head locations will be: 1) rig floor by driller's console, 2) substructure area near the bell nipple, 3) the shale shaker, 4) the mud mixing area. Additional sensors will be positioned at the discretion of the drilling foreman. At least 1 light and 1 siren will be placed on the rig to indicate the presence of hydrogen

sulfide. The light and siren will be strategically placed to be visible to all personnel on the drill site. Additional alarm lights & sirens may be added to ensure that all personnel on the drill site are able to notice the alarms at any time.

10. The H2S detection equipment will be calibrated as recommended by the manufacturer. Calibration records will be maintained on location.

11. A least 2 windsocks will be placed around the drill site to ensure that everyone on the drilling location can readily determine wind direction. One windsock will be mounted on or near the rig floor to be readily visible to rig crews when tripping pipe.

12. All respiratory protective equipment will be NIOSH/ MSHA approved positive pressure type and maintained according to manufacturer's guidelines. All breathing air used for this equipment will be CGA type Grade D breathing air.

13. Both 30-minute self-contained breathing apparatuses (SCBA) and workline units with escape cylinders will be available on location. There will be sufficient numbers of this supplied air breathing equipment on location to ensure that all personnel on location have 1 piece of equipment available to them. All respiratory protective equipment will use nose cups to prevent fogging in temperatures below 32 F. Spectacle kits will be available for personnel that require corrective lenses when working under mask.

14. Electric explosion- proof ventilating fans (bug blowers) will be available to provide air movement in enclosed areas where gas might accumulate. (available upon request)

15. H2S drills will be conducted at least weekly to ensure that all well site personnel are competent in emergency donning procedures. These drills will be recorded in the driller's log, as well as in the safety trailer logbook.

16. Electronic voice-mikes will be available for essential personnel to use when working under mask to facilitate communication. (available upon request)

17. Additional breathing equipment will be provided for non routine operations that require additional service personnel on the well location to ensure that all personnel on the well location have a dedicated supplied air respirator.

18. Location access will be monitored and controlled during "non- routine" operations such as perforating, pressurized pumping, and well testing. The number of personnel on location will be restricted to "essential" personnel only.

III. Safety Procedures

A. Training

If H2S is encountered all personnel who come onto the location must be properly trained in hydrogen sulfide, nitrogen, and oxygen deficient atmospheres safety. The personnel shall carry documentation with them indicating that the training has occurred within the previous 12 months. All training will comply with federal and state regulatory guidelines.

Training topics shall include at a minimum:

1. Hazards and characteristics of hydrogen sulfide, nitrogen, and oxygen deficient atmospheres and symptoms of exposure to these gases.

2. Proper use, care and limitations of respiratory protective equipment with hands on practice.

3. Use of both fixed and portable detection toxic gas equipment.

4. Work practices to reduce opportunities for toxic gas exposure as well as confined space procedures.

5. First aid for toxic gas exposure and resuscitation equipment.

6. The buddy system

7. Emergency evacuation procedures

8. A review of the contingency plan for the well.

B. Operating Conditions

A three color- flag warning system will be used to notify personnel approaching the drill site as to operating conditions on the wellsite. This system is in compliance with BLM OO#6 and follows industry standards.

Green Flag - Potential Danger

Yellow Flag - Moderate Danger

Red Flag- Extreme Danger - Do Not approach if red flag is flying.

C. Evacuation Plan

There are currently no permanent residents within a 1-mile radius of the drilling site. The CTD, INC. does not currently have operations surrounding this location. The prevailing wind is from the southwest. CTD, INC. will conduct any evacuation in coordination with the CTD, INC. foreman.

All regulatory agencies will be notified as soon as possible.

D. Emergency Rescue Procedures

Well site personnel should not attempt emergency rescues unless they have been properly trained. A trained person who discovers another person overcome by hydrogen sulfide **should not attempt to rescue without donning the proper breathing equipment.** When making an emergency rescue always use the following procedures:

1. Don rescue breathing equipment before attempting to rescue someone.

2. Remove the victim from the contaminated area to an area free of toxic gas by traveling upwind or cross wind. Be certain that you are in a safe area before removing your breathing equipment.

3. If the victim is not breathing, initiate mouth- to mouth resuscitation immediately. Follow CPR guidelines and replace mouth to mouth with a bag mask resuscitator if available.

4. Treat the victim for shock, keeping the victim warm and calm. Never leave the victim alone.

5. Any personnel who experience hydrogen sulfide exposure must be taken to a hospital for examination and their supervisor notified of the incident.

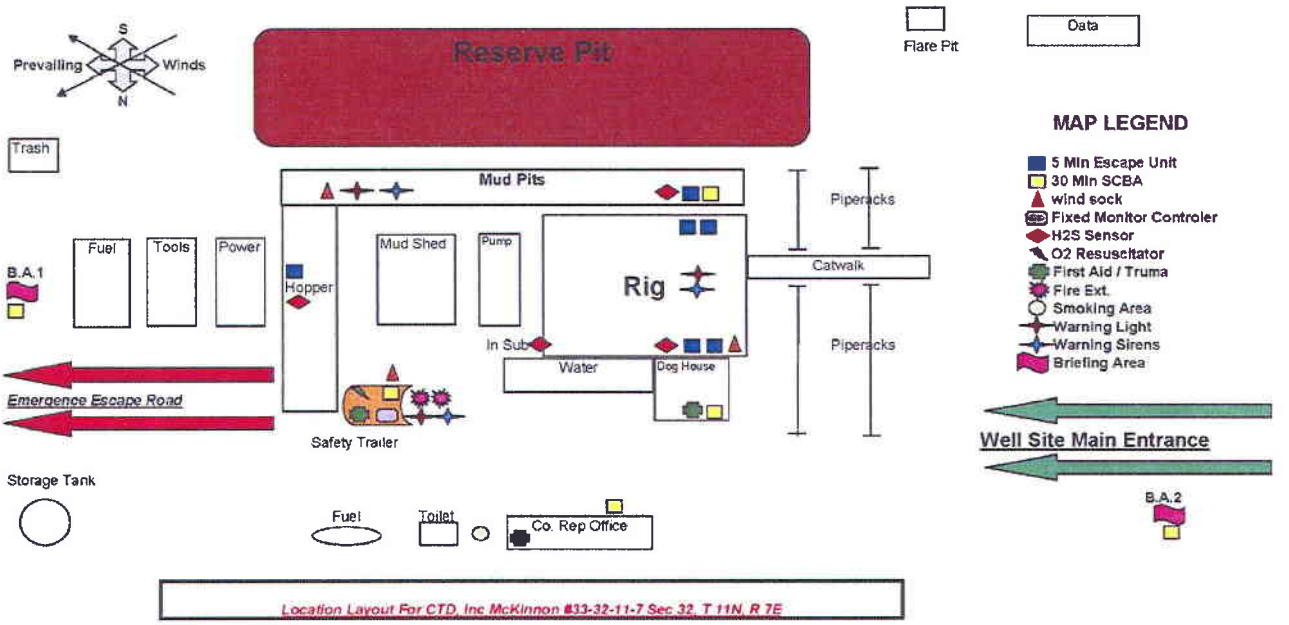
6. Their supervisor shall follow the company Emergency Preparedness plan.

IV. H2S Safety Equipment on Drilling Location

Item	Amount	Description
1.	1	safety trailer with a cascade system of 10-300 cu. ft bottles of compressed breathing air complete with high-pressure regulators
2.	800 ft.	Low-pressure airline equipped with Hanson locking fittings. This airline will be rigged up with manifolds to supply breathing air to the rig floor, substructure, derrick, shale shaker area, and mud mixing areas. Three high-pressure refill hoses will be attached to cascade systems for cylinder refill.
3.	Six (6)	Scott 30 minute self-contained breathing apparatuses (SCBA).
4.	Six (6)	Scott airline units with emergency escape cylinders.
5.	One (1)	4- channel continuous electronic H2S monitor with audible and visual alarms. The set points for these alarms are 10 ppm for the low alarm and 15 ppm for the high alarm.
6.	Two (1)	Sensidyne portable hand operated pump type detection units with tubes for hydrogen sulfide and sulfur dioxide.
7.	One (1)	Oxygen resuscitator with spare oxygen cylinder.
8.	One (1)	Trauma first aid kit
9.	One (1)	Stokes stretcher and one (1) KED.
10.	Two (2)	Windsocks
11.	At least one (1)	Well condition sign with 3 flag system.
12.	Two (2)	Safe Briefing Area (SBA) signs
13.	One (1)	Fire blanket

14.	One (1)	Set air splints
15.	(Upon request)	Electric explosion proof fans
16.	(Upon request)	Bullhorn and chalk board
17.	(Upon request)	300 cu. ft. air bottles for the safe briefing area.
18.	Two (2)	30 # fire extinguishers
19.	(Upon request)	Battery powered voice mikes for communication when wearing air masks.
20.	One (1)	Battery powered combustible gas meter

FIGURE 2 – SAFETY EQUIPMENT PLACEMENT



V. Well Ignition Procedures

If it should become apparent that an uncontrolled release of hydrogen sulfide to the atmosphere might endanger the health and safety of the public or well site personnel, the CTD, INC. foreman will make a decision to ignite the well. The following procedure should be followed before attempting to ignite the well.

A. Ignition equipment - The following equipment will be available for on-site for use by the ignition team.

1. 2-12 gauge flare guns with flare shells
2. 2-500 ft. Fire resistant retrieval ropes
3. 1 portable combustible gas meter
4. Self contained breathing apparatus (SCBA) for each member of the ignition team.
5. 1 backup vehicle with communication equipment

B. Ignition Procedures

1. The CTD, INC. foreman will ensure that well site personnel are evacuated to a safe area upwind of the well bore prior to any ignition action.

2. The CTD, INC. foreman and a designated partner "buddy" backed up by well site safety personnel will comprise the ignition team. All team members will be wearing 30 minute SCBAs.

3. The backup crew will be positioned near a radio-equipped vehicle at a safe distance from the sour gas release. They will standby to rescue the actual team igniting the well.

4. The partner of the ignition team will carry a combustible gas/ hydrogen sulfide meter to continuously monitor the area in which they are working and define the perimeter of the gas cloud.

5. The CTD, INC. foreman will carry the flare gun and shells.

6. The ignition team will determine the hazardous area and establish safe working perimeters. Once this is identified the team will proceed upwind of the leak and fire into the area with flare gun. If trouble is encountered in trying to light the leak, retry to ignite by firing the flare shells at 45 and 90 angles to the gas source, but DO NOT approach closer to the leak.

7. After ignition, monitor for sulfur dioxide and work with the support group to restrict access to the contaminated area.

VI. Residents - Public in R.O.E.

There are no permanent residents within a 1-mile radius of the drilling site. CTD, INC. may have personnel working in the area and their contact numbers are included. The surrounding area is federally owned and maintained by the BLM. This land may be used for recreational purposes including hunting and recreational vehicles any time during the drilling or completion of this well.

Title	Name	Phone
Manager Environmental Health & Safety	Scot Donato	Office: (303) 312-8191 Cell: (303) 549-7739 Home: (303) 733-0130 Fax: (303) 291-0420
Public Relations	Jim Felton	Office: (303) 312-8103 Cell: (303) 241-3364 Home: (970) 668-1624 Fax: (303) 291-0420
Drilling Manager	Troy Schindler	Office: (303) 312-8156 Cell: (303) 249-8511 Home: (303) 740-8507
Permit Analyst	Reed Haddock	Office: (303) 312-8546 Fax: (303) 291-0420
Safety Coordinator	Johnny Thayne	Office: (435) 725-3515 Ext 6 Cell: (435) 669-8108
Drilling Rep (On Site)	Victor Stier	Cell: (307) 679-6121

VII. Emergency Phone Directory

Title	Name	Phone
EH&S Manager	**Scot Donato**	**303-312-8191**
Public Relations	**Jim Felton**	**303-312-8103**
Drilling Manager	**Troy Schindler**	**303-312-8156**
Drilling Superintendent	**Jim Davidson**	**303-312-8115**
Safety Consultant	**Johnny Thayne**	**435-725-3515 Ext 6**
Drilling Rep (On Site)	**Victor Stier**	**307-679-6121**

A. Emergency Services Phone List

1. Hospital -	South Lincoln Med. Center	307-877-4401
	Evanston Regional Hospital	307-789-3636
	Uinta Urgent Care	307-789-6111
2. Helicopters	Air Med (University or Utah)	800-453-0120
	Life Flight (LDS Hospital)	800-321-1234
3. Enforcement	Randolph Police	435-793-2285
4. Emergency Svc	Randolph Fire	435-793-2285
	Randolph Ambulance	435-793-2285
	Randolph Sherriff	435-793-2285
	Utah Highway Patrol	435-793-2285
5. Poison Control Center	National	800-222-1222
6. Utah State	Division of Oil, Gas, & Mining (DNR) 1594 West North Temple, Ste 1210 Box 145801 Salt Lake City, UT 84114-5811	801-538-5340
7. Burn Center	University of Utah	801-581-3050

This page will be a map of the well location site showing the section and other related facilities and residents within a 1-mile radius of the well.

TO BE ADDED WHEN AVAILABLE

PROPERTY OF GAS

If gas should be produced, it could be a mixture of Carbon Dioxide, Hydrogen Sulfide, and Methane.

TOXICITY OF VARIOUS GASES

Common Name	Chemical Formula	Specific Gravity of Air=1	1 Threshold Limit	2 Hazardous Limit	3 Lethal Concern
Hydrogen Cyanide	HCN	0.94	10 ppm	150 ppm/hr	300 ppm
Hydrogen Sulfide	H_2S	1.18	10 ppm	250 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21	2 ppm	--------	1,000 ppm
Chloride	CL_1	2.45	1 ppm	4 ppm/hr	1,000 ppm
Carbon Monoxide	CO	0.97	50 ppm	400 ppm/hr	1,000 ppm
Carbon Dioxide	CO_2	1.52	5,000 ppm	5%	10%
Methane	CH_4	0.55	90,000 ppm	Combustible Above 5% in Air	-------

1 **Threshold**=Concentration at which it is believed that all workers may repeatedly be exposed, day after day, without adverse side effects.

2 **Hazardous**=Concentration that may cause death.

3 **Lethal**=Concentration that will cause death with short-term exposure.

HYDROGEN SULFIDE

GENERAL PROPERTIES

Hydrogen Sulfide itself is a colorless and transparent gas and is flammable. It is heavier than air and, hence, may accumulate in low places.

Although the slightest presence of H2S in the air is normally detectable by its Characteristic "Rotten Egg"odor, it is dangerous to rely on the odor as a means of detecting excessive concentrations because the sense of smell is rapidly lost allowing lethal concentrations to be accumulated without warning. The following table indicates the poisonous nature of Hydrogen Sulfide, which is more toxic than Carbon Monoxide.

COMMON NAMES: Sour Gas, Rotten Egg Gas, Sulphurated Hydrogen, Hydrogen sulfide, Stink Damp, H2S, Acid Gas, Sweet Gas*

PHYSICAL-CHEMICAL PROPERTIES

Chemical Formula H2S

1. Specific Gravity (Air = 1.000) .....1.193 (@ 77°F)

2. Color.....None

3. Odor .....Compared to Rotten Eggs

4. Odor Threshold.....0.13 part of 1 ppm

5. Corrosivity.....Reacts with metals, plastics, tissues and nerves.

6. Solubility in Water.....4.0 to 1 in H2O @ 32°F
2.6 to 1 in H2O @ 68°F

7. Effects on Humans .....Olfactory nerves, respiratory nerves, irritates sensitive membranes in eyes, nose, and throat.

8. Vapor Pressure.....19.6 atmospheres at 25°C

9. Explosive Limits.....4.3% to 46% by volume in air.

*** H2S is a sweet tasting Gas, but often the word "tasting" is left out.**

10. Ignition Temperature..... 18°F (Burns with a pale blue flame)

11. Molecular Weight..... 34.08

12. Conversion Factors..... 1 mg/1 of air = 717 ppm (at 25°C and 760 mm HG). 1 ppm = 0.00139 mg/1 of air.

13. pH..... 3 in water

INDUSTRIAL OCCURRENCES

Hydrogen Sulfide exposures occur in certain processes in the petroleum industry, chemical plants, chemical laboratories, sulfur and gypsum mines, viscose rayon and rubber industries, tanneries, and in the manufacture of some chemicals, dyes, and pigments. It may be encountered in excavations in the swampy or filled ground. It is produced when sulfur-containing organic matter decomposes, and it can therefore be found in sewage or organic-waste treatment plants. A common sewer gas, it may find its way into utility manhole, particularly dangerous when encountered in tanks, vessels, and other enclosed spaces.

TOXIC PROPERTIES

Hydrogen Sulfide is an extremely toxic and irritating gas. Free Hydrogen Sulfide in the blood reduces its oxygen carrying capacity, thereby depressing the nervous system. Sufficiently high concentrations can cause blockage of the phrenic nerve, resulting in immediate collapse and death due to respiratory failure and asphyxiation.

Because Hydrogen Sulfide is oxidized quite rapidly to sulfates in the body, no permanent after effects occur in cases of recovery from acute exposures unless oxygen deprivation of the nervous system is prolonged. However, in cases of acute exposures, there is always the possibility that pulmonary edema may develop. It is also reported that symptoms such as nervousness, dry nonproductive coughing, nausea, headache, and insomnia, lasting up to about 3 days have occurred after acute exposures to Hydrogen Sulfide.

At low concentrations the predominant effect of Hydrogen Sulfide is on the eyes and respiratory tract. Eye irritation, conjunctivitis, pain, lacrimation, keratitis, and photophobia may persist for several days. Respiratory tract symptoms include coughing, painful breathing, and pain in the nose and throat.

There is no evidence that repeated exposures to Hydrogen Sulfide results in accumulative or systemic poisoning. Effects such as eye irritation, respiratory tract irritation, slow pulse rate, lassitude, digestive disturbances, and cold sweats may occur, but these symptoms disappear in a relatively short time after removal from the exposure. Repeated exposures to Hydrogen Sulfide does not appear to cause any increase or decrease in susceptibility to this gas.

The paralytic effect of Hydrogen Sulfide on the olfactory nerve is probably the most significant property of the gas. This paralysis may create a false sense of security. A worker can be overcome after the typical rotten-egg odor has disappeared. Rather than the characteristic Hydrogen Sulfide odor, some victims of sudden acute overexposure have reported a brief sickeningly sweet odor just prior to unconsciousness.

Subjective olfactory responses to various concentrations of Hydrogen Sulfide have be summarized as follows:

0.02 ppm	No odor
0.13 ppm	Minimal perceptible odor

0.77 ppm	Faint, but readily perceptible odor
4.60 ppm	Easily detectable, moderate odor
27.0 ppm	Strong, unpleasant odor, but not intolerable

Physiological responses to various concentrations of Hydrogen Sulfide have been reported as follows:

10 ppm	Beginning eye irritation
50-100 ppm	Slight conjunctivitis and respiratory tract irritation after 1 hour exposure
100 ppm	Coughing, eye irritation, loss of sense of smell after 2-15 minutes. Altered respiration, pain in the eyes, and drowsiness after 15-30 minutes, followed by throat irritation after 1 hour. Several hours[1] exposure results in gradual increase in severity of these symptoms and death may occur within the next 48 hours.
200-300 ppm	Marked conjunctivitis and respiratory tract irritation after 1 hour exposure
500-700 ppm	Loss of consciousness and possibly death in 30 minutes.
700 ppm	Raped unconsciousness, cessation of respiration, and death.
1000-2000 ppm	Unconsciousness at once, with early cessation of respiration and death in a few minutes. Death may occur even if individual is removed to fresh air at once.

ACCEPTABLE CONCENTRATIONS

ACCEPTABLE EIGHT-HOUR TIME-WEIGHTED AVERAGE

To avoid discomfort, the Time-Weighted average concentration of Hydrogen Sulfide Shall not exceed 10 ppm.

ACCEPTABLE CEILING CONCENTRATION

The acceptable concentration for protection of health for an eight-hour, f ive-day week shall be 20 ppm, Fluctuations are to occur below this concentration.

ACCEPTABLE MAXIMUM FOR PEAKS ABOVE ACCEPTABLE BASE LINE FOR CONTINUOUS EXPOSURE

A single-peak concentration not exceeding 50 ppm for a maximum of 10 minutes is allowable provided that the daily time-weighted average is not exceeded.

H_2S EQUIVALENTS

Parts Per Million	Percents	Grains per 100 cu. Ft.
1	.0001	.055
10	.001	.55
18	.0018	1.0
100	.01	5.5
1000	.1	55.5
10000	1.0	555.5

Grains per 100 cu. Ft. = % by volume Mole 636.4
1% by volume = 10,000 ppm

SULFUR DIOXIDE

Sulfur Dioxide (SO_2) is a colorless, transparent gas and is non-flammable.

Sulfur Dioxide is produced during the burning of H_2S. Although SO_2 is heavier than air, it will be picked up by a breeze and carried downwind at elevated temperatures, While Sulfur Dioxide is extremely irritating to the eyes and mucous membranes of the upper respiratory tract, it has exceptionally good warning powers in this respect.

CONCENTRATIONS		EFFECTS
$\%SO_2$	ppm	
.0002	2	Safe for eight (8) hour exposure
.0005	5	Pungent odor-normally a person can detect SO_2 in this range.
.0012	12	Throat irritation, coughing, constriction of the chest, tearing and smarting of the eyes.
.015	150	So irritating that it can only be endured for a few minutes.
.05	500	Causes a sense of suffocation, even with the first breath.

PHYSICAL PROPERTIES AND CHARACTERISTICS

Chemical Formula	**SO_2**
1. Specific Gravity	**2.212**
2. Color	**None**
3. Flammable	**No**
4. Odor	**Characteristic, pungent, gives ample warning of its presence.**
5. Corrosivity	**Dry---not corrosive to ordinary metals. Wet---corrosive to most common metals.**
6. Allowable Concentrations	**2 ppm (ACGIH) 2 ppm (OSHA)**
7. Effects on Humans	**Irritates eyes, throat and upper Respiratory system.**

TOXIC PROPERTIES

Sulfur Dioxide is an irritating gas in its vapor form and the odor is so intensely irritating that concentrations of 3 to 5 parts per million in the air are readily detectable by the normal person. In higher concentrations, the severely irritating effect of the gas makes it unlikely that any person would be able to remain in a Sulfur Dioxide contaminated atmosphere unless they were unconscious or trapped.

Sulfur Dioxide gas is intensely irritating to the eyes, throat, and upper respiratory system. Inhalation of this gas in concentrations of 8 to 12 parts per million in air causes throat irritation, coughing, constriction of the chest, tearing and smarting of the eyes. 150 parts per million is so extremely irritating that it can be endured only for a few minutes. 500 parts per million is so acutely irritating to the upper respiratory tract that it causes a sense of suffocation, even with the first breath.

Out of numerous reported exposures to Sulfur Dioxide, there are few references that would indicate pneumonia as an after effect.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: CTD, Inc.	9. WELL NAME and NUMBER: McKinnon 33-32-11-7
3. ADDRESS OF OPERATOR: #334 3355 North Five Mile Rd CITY Boise STATE ID ZIP 83713-3925 PHONE NUMBER: (208) 376-7686	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2566' FSL, 2568' FEL 485194 X 4610810 Y 41.650815 -111.177803 AT PROPOSED PRODUCING ZONE: same	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 1.3 miles southeast of the town of Randolph, UT.	12. COUNTY: Rich / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 450'	16. NUMBER OF ACRES IN LEASE: 822.75 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): N/A	19. PROPOSED DEPTH: 9,600 / 20. BOND DESCRIPTION: Surety F20894
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6267' ungraded ground	22. APPROXIMATE DATE WORK WILL START: 4/1/2010 / 23. ESTIMATED DURATION: 45 days

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
24"	16"	60	grout to surface			
12 1/4"	9 5/8" J or K-55 36#	2,500	Varicem Cmt (lead)	430 sx	2.94 ft3/sk	11.5 ppg
			Varicem Cmt (tail)	185 sx	1.8 ft3/sk	13.5 ppg
8 3/4"	5 1/2" P-110 20#	9,545	Extendacem (lead)	570 sx	2.63 ft3/sk	11.5 ppg
			Econocem (tail)	540 sx	1.49 ft3/sk	13.5 ppg

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER
  ☑ SUA

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis DATE 12/17/09

(This space for State use only)

API NUMBER ASSIGNED: 43-033-30071

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining

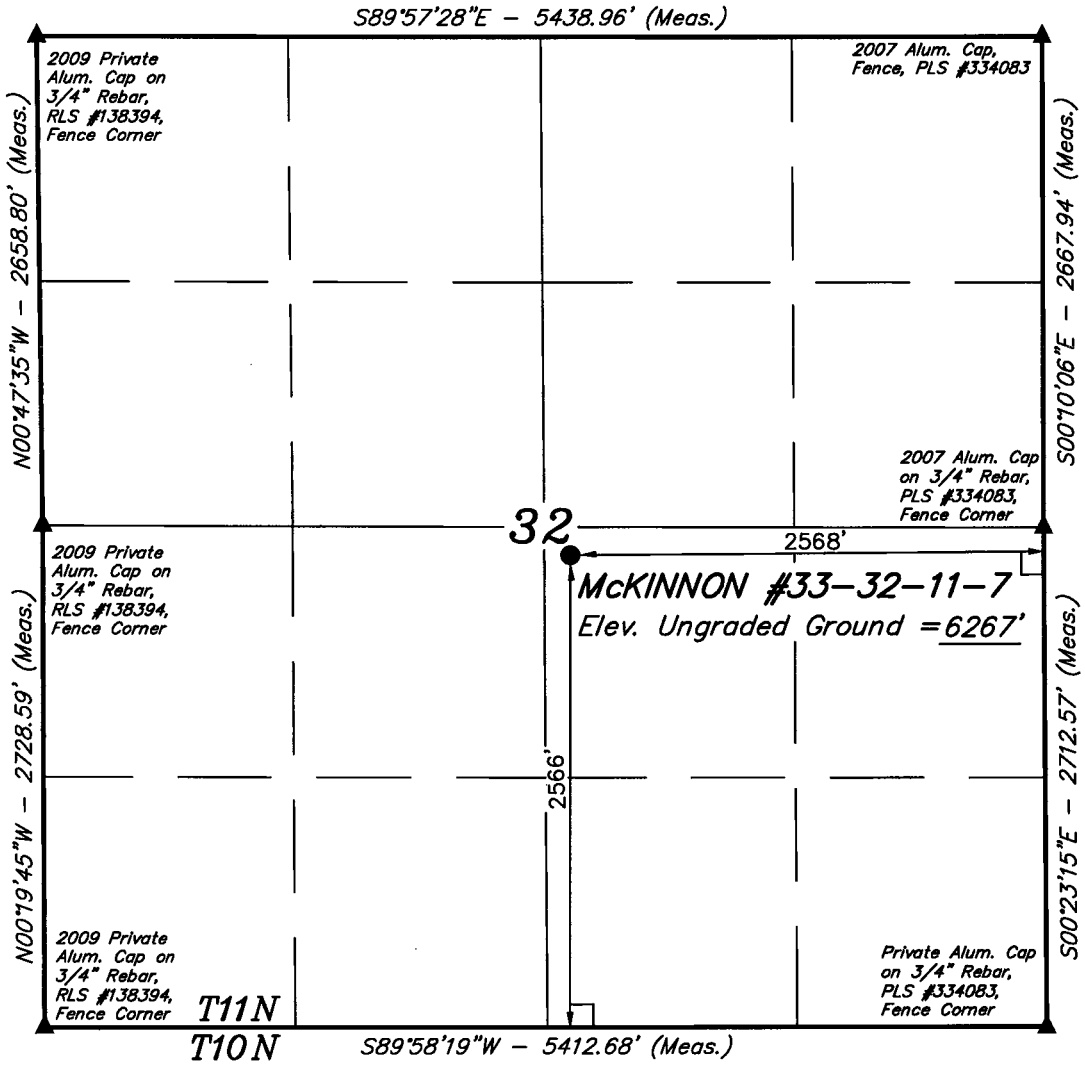
Date: 12-29-09

By: _____

RECEIVED
DEC 17 2009
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

T11N, R7E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 41°39'01.89" (41.650525)
LONGITUDE = 111°10'42.96" (111.178600)
(NAD 27)
LATITUDE = 41°39'02.10" (41.650583)
LONGITUDE = 111°10'40.25" (111.177847)

CTD, Inc.

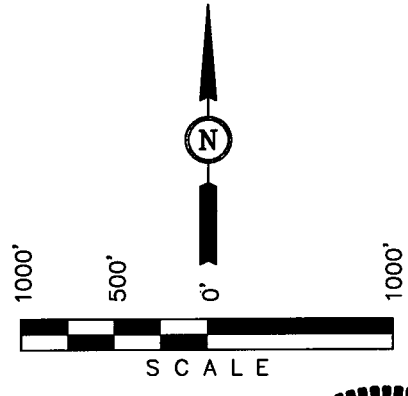
Well location, McKINNON #33–32–11–7, located as shown in the NW 1/4 SE 1/4 of Section 32, T11N, R7E, S.L.B.&M., Rich County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 28, T11N, R7E, S.L.B.&M. TAKEN FROM THE RANDOLPH QUADRANGLE, UTAH, RICH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6265 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE: 1" = 1000'	DATE SURVEYED: 07–31–09	DATE DRAWN: 08–03–09
PARTY: B.B. D.R. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: CTD, Inc.	

REVISED 12/16/09 – SEE HI-LITED AREAS

DRILLING PROGRAM

CTD, Inc.
McKinnon #33-32-11-7
NWSE, 2566' FSL, 2568' FEL, Sec. 32, T11N-R7E, S.L.B.&M.
Rich County, Utah

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1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth – MD
Twin Creek	1,770'
Ankareh	4,585'
Dinwoody	8,463'
Phosphoria *	8,863'
Madison*	9,395`
TD	9,600`

PROSPECTIVE PAY
*The Phosphoria and Madison formations are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 2,500`	No pressure control required
2,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000#. All well control equipment will be in accordance with the requirements of R649-3-7.	
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.	
- A diverter will be nippled up on the conductor to allow well closure in the event of water flow.	

4. Casing Program

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
24"	surface	60`	16"	varies for conductor pipe			
12 ¼"	surface	2,500'	9 5/8"	36#	J or K 55	ST&C	New
8 ¾"	surface	9,545`	5 ½"	20#	P-110	LT&C	New
- Any substitute casing string shall have equivalent or greater collapse, tension and burst properties.							
- The State of Utah, Division of Oil, Gas and Mining, will be notified 24 hours in advance of all casing tests performed in accordance with R649-3-13.							

CTD, Inc.
Drilling Program
McKinnon 33-32-11-7
Rich County, Utah

5. Cementing Program

9 5/8" Surface Casing	**Fluid 2: Lead Cement** VARICEM ™ RS1 CEMENT 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive) 0.25 lbm/sk Kwik Seal (Lost Circulation Additive)	Fluid Weight: Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	11.50 lbm/gal 2.94 ft^3/sk 17.83 Gal/sk 0 ft 2000 ft 223.12 bbl 426.69 sks 430 sks
	Fluid 3: Tail Cement VARICEM ™ RS1 CEMENT 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive) 0.25 lbm/sk Kwik Seal (Lost Circulation Additive)	Fluid Weight: Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	13.50 lbm/gal 1.80 ft^3/sk 9.33 Gal/sk 2000 ft 500 ft 58.87 bbl 183.64 sks 185 sks
5 ½" Production Casing	Fluid 2: Lead Cement EXTENDACEM (TM) SYSTEM 0.7 % HR-7 (Retarder) 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)	Fluid Weight: Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	11.50 lbm/gal 2.63 ft^3/sk 15.52 Gal/sk 2300 ft 4745 ft 265.19 bbl 566.33 sks 570 sks
	Fluid 3: Tail Cement ECONOCEM (TM) SYSTEM 0.3 % HR-5 (Retarder) 1 % Halliburton Gel (Light Weight Additive)	Fluid Weight: Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	13.50 lbm/gal 1.49 ft^3/sk 7.15 Gal/sk 7045 ft 2500 ft 141.52 bbl 533.99 sks 540 sks
Note: Actual volumes to be calculated from caliper log.			

CTD, Inc.
Drilling Program
McKinnon 33-32-11-7
Rich County, Utah

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0 – 2,500'	8.2 – 8.4	26 – 27	--	Freshwater/Max Gel/Polyplus/Drilzone
2,500' – 9,545'	9.0 – 9.5	45 – 50	8 cc or less	LSND
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.				

7. Testing, Logging and Core Programs

Cores	Coring of up to 150' proposed.
Testing	None anticipated;
Sampling	Pason unit on location 2 man, 24 hour from surface casing to TD
Surveys	Run every 1000' and on trips, slope only;
Logging	Run gamma ray log while drilling. Platform Express TD to 2500'. Sonic TD to surface.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4,742 psi* and maximum anticipated surface pressure equals approximately 2,630 psi* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22 x TD)

---

9. Auxiliary Equipment

a) Upper kelly cock; lower Kelly cock will be installed while drilling
b) Inside BOP or stab-in valve (available on rig floor)
c) Safety valve(s) and subs to fit all string connections in use
d) Mud monitoring will be visually observed

10. Drilling Schedule

Location Construction:	Spring 2010
Spud:	Spring 2010
Duration:	25 days drilling time 20 days completion time Additional days for testing

11. **Water Source**

Water would be purchased from a third party that is properly permitted through the State of Utah, Division of Water Rights.

12. **Archaeology**

Montgomery Archaeological Consultants has conducted a Class III archaeology inventory under MOAC 09-145 dated August 10, 2009. The inventory resulted in no cultural resources.

13. **Paleontology**

Not required. Fee surface/minerals.

11. Water Source

Water would be purchased from a third party that is properly permitted through the State of Utah, Division of Water Rights.

12. Archaeology

Montgomery Archaeological Consultants has conducted a Class III archaeology inventory under MOAC 09-145 dated August 10, 2009. The inventory resulted in no cultural resources.

13. Paleontology

Not required. Fee surface/minerals.

Well name: **McKinnon 33-32-11-7**

Operator: **CTD, Inc.**

String type: Surface

Location: Rich County, Utah

Design parameters:

Collapse

Mud weight: 9.00 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,475.33 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 3,025.33 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factc 1.125

Burst:

Design factc 1.00

Tension:

8 Round ST 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral poin 2,167.06 ft

Environment:

H2S considered? No

Surface temperature: 75.00 °F

Bottom hole temperature 110 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 0 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,000 ft

Next mud weight: 9.000 ppg

Next setting BHP: 4,675 psi

Fracture mud wt: 14.000 ppg

Fracture depth: 10,000 ft

Injection pressure 7,273 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)		Internal Capacity (ft³)
1	2500	9.625	36.00	J-55	LT&C	2500	2500		8.796	178

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)		Tension Design Factor
1	1169	2020	1.728	3025	3520	1.16	78		453	5.81 J

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: **McKinnon 33-32-11-7**

Operator: **CTD, Inc.**

String type: Production: Frac

Location: Rich County, Utah

Design parameters:

Collapse

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 9,111.63 psi

Internal gradient: 0.12 psi/ft

Calculated BHP 10,311.27 psi

Annular backup: 9.00 ppg

Minimum design factors:

Collapse:

Design factc 1.125

Burst:

Design factc 1.00

Tension:

8 Round ST 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral poin 8,556.85 ft

Environment:

H2S considered? No

Surface temperature: 75.00 °F

Bottom hole temperature 215 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 7,497 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)		Internal Capacity (ft³)
1	9545	5.5	20	P-110	LT&C	9545	9545		4.653	1244

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)		Tension Design Factor
1	4934	11080	2.24	9177	12360	1.35	145		445	3.06 J

Remarks:

Collapse is based on a vertical depth of 9545 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Job Information — Surface Casing

Well Name: McKinnon — Well #: 33-32-11-7

12 1/4" Surface Open Hole	0 - 2500 ft (MD)
Inner Diameter	12.250 in
Job Excess	100 %
9 5/8" Surface Casing	0 - 2500 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft

Fluid Instructions

Fluid 1: Water Spacer

Fresh Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Lead Cement

VARICEM ™ RS1 CEMENT

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

0.25 lbm/sk Kwik Seal (Lost Circulation Additive)

Fluid Weight	11.50 lbm/gal
Slurry Yield:	2.94 ft^3/sk
Total Mixing Fluid:	17.83 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	2000 ft
Volume:	223.12 bbl
Calculated Sacks:	426.69 sks
Proposed Sacks:	430 sks

Fluid 3: Tail Cement

VARICEM ™ RS1 CEMENT

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

0.25 lbm/sk Kwik Seal (Lost Circulation Additive)

Fluid Weight	13.50 lbm/gal
Slurry Yield:	1.80 ft^3/sk
Total Mixing Fluid:	9.33 Gal/sk
Top of Fluid:	2000 ft
Calculated Fill:	500 ft
Volume:	58.87 bbl
Calculated Sacks:	183.64 sks
Proposed Sacks:	185 sks

Fluid 4: Water Spacer

Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	190.18 bbl

Well Name: McKinnon	Well #: 33-32-11-7
9 5/8" Surface Casing	0 - 2500 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
8 3/4" Production Open Hole	2500 - 9545 ft (MD)
Inner Diameter	8.750 in
Job Excess	25 %
5 1/2" Production Casing	0 - 9545 ft (MD)
Outer Diameter	5.500 in
Inner Diameter	4.892 in
Linear Weight	17 lbm/ft
Casing Grade	P-110

Fluid Instructions
Fluid 1: Water Based Spacer
MUD FLUSH

Fluid Density:	8.40 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Lead Cement
EXTENDACEM (TM) SYSTEM
0.7 % HR-7 (Retarder)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	11.50 lbm/gal
Slurry Yield:	2.63 ft^3/sk
Total Mixing Fluid:	15.52 Gal/sk
Top of Fluid:	2300 ft
Calculated Fill:	4745 ft
Volume:	265.18 bbl
Calculated Sacks:	566.33 sks
Proposed Sacks:	570 sks

Fluid 3: Tail Cement
ECONOCEM (TM) SYSTEM
0.3 % HR-5 (Retarder)
1 % Halliburton Gel (Light Weight Additive)

Fluid Weight	13.50 lbm/gal
Slurry Yield:	1.49 ft^3/sk
Total Mixing Fluid:	7.15 Gal/sk
Top of Fluid:	7045 ft
Calculated Fill:	2500 ft
Volume:	141.52 bbl
Calculated Sacks:	533.99 sks
Proposed Sacks:	540 sks

Fluid 4: Water Based Spacer
ClayFix II Water Displacement
2 gal/Mgal Clayfix II (Clay Control)

Fluid Density:	8.40 lbm/gal
Fluid Volume:	220.97 bbl

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2 and R 649-3-7.*

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

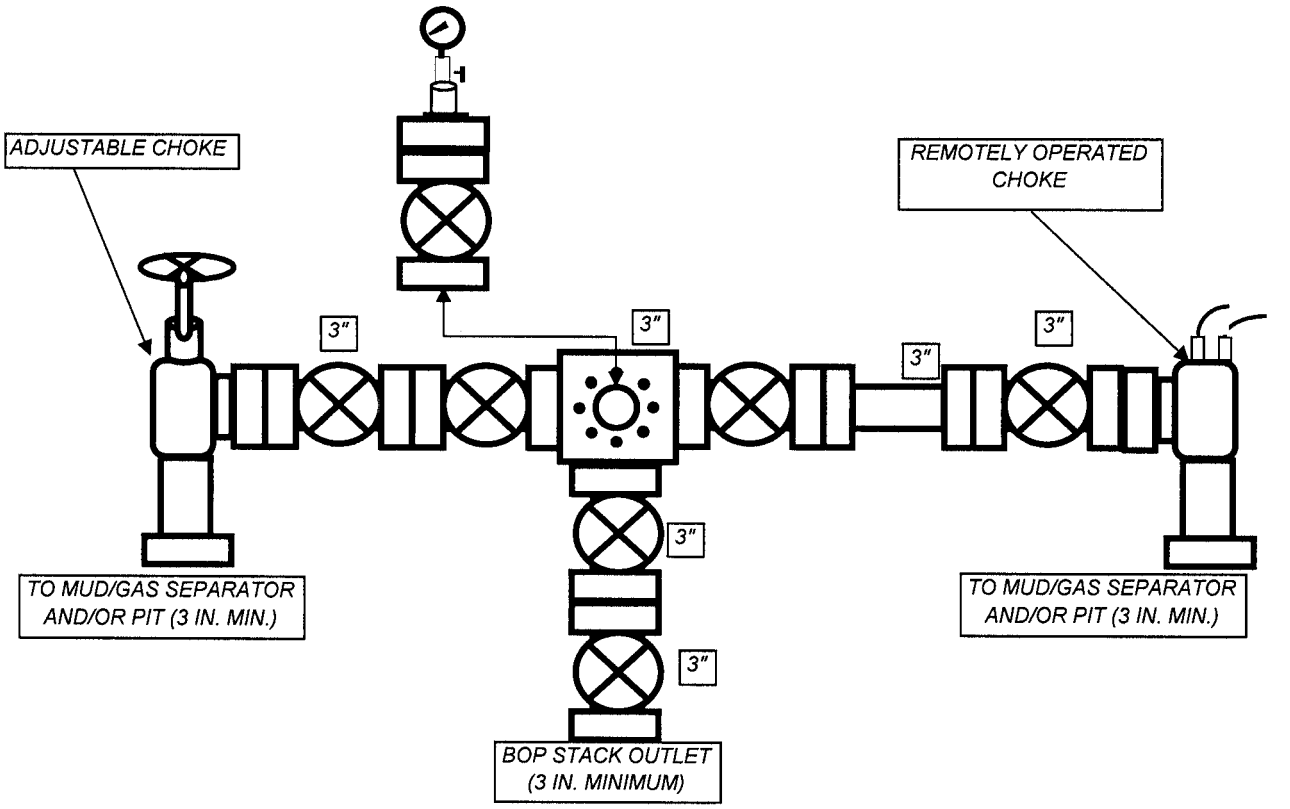
Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

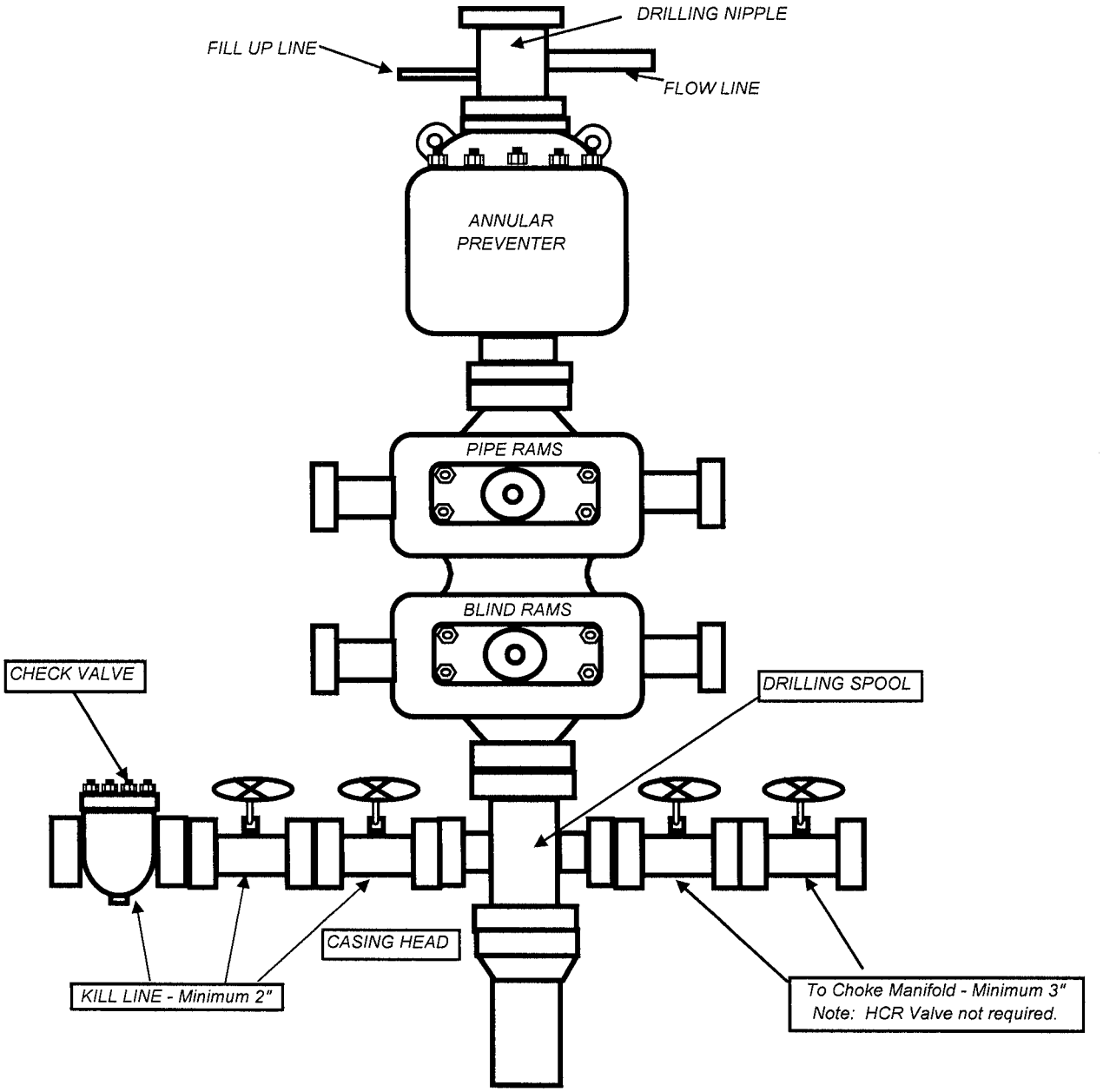
The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Order Number 2* and *R-649-3-7.* The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



EASEMENT, RIGHT-OF-WAY, SURFACE USE AND DAMAGE AGREEMENT

THIS EASEMENT, RIGHT-OF-WAY, SURFACE USE AND DAMAGE AGREEMENT (hereinafter the "Agreement"), effective the 1st day August, 2009 is by and between Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998, with a mailing address of P.O. Box 272, Randolph, Utah 84064, hereinafter referred to as "Owner", and CTD, Inc., with an address of 3355 North Five Mile Road, #334, Boise, Idaho 83713, hereinafter referred to as "CTD".

W I T N E S S E T H:

WHEREAS, CTD proposes to drill a Well on lands located in the NW¼SE¼, Section 32, Township 11 North, Range 7 East, S.L.B. & M., Rich County, Utah (hereinafter the "Well");

WHEREAS, Owner owns certain rights in and to the surface of lands located in the NW¼SE¼, Section 32 of Township 11 North, Range 7 East, S.L.B. & M., Rich County, Utah (hereinafter the "Premises"), and more specifically set forth on Exhibit "A" attached hereto and incorporated herein; and

WHEREAS, Owner recognizes that the Premises are subject to one or more oil and gas leases of record and that the Lessee and its assigns, have certain rights in the use of the surface of the lands covered by such lease, or leases, and being now informed of the proposed use, including ingress and egress, placement of roads, pits and drilling location and other uses incident to the drilling for completion and production of oil or gas on the Premises. CTD does hereby agree, in consideration of the Premises and the further promise, to pay the undersigned, prior to the preparation and construction of the road and well site location, considerations set forth below:

NOW, THEREFORE, for and in consideration of the sum of one thousand dollars ($1,000.00) and other valuable consideration to be paid by CTD to Owner, for the wellsite location, and the mutual covenants and promises contained herein, Owner and CTD agree as follows:

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed as of the day and year appearing with their signatures below, effective the day and year first above written.

Ross K. McKinnon and Debra R. McKinnon Revocable Trust
dated February 24, 1998

Ross K McKinnon

Ross K. McKinnon, Trustee

Date: 8-13-09

Ross K. McKinnon and Debra R. McKinnon Revocable Trust
dated February 24, 1998

Debra R. McKinnon

Debra R. McKinnon, Trustee

Date: 8-13-09

CTD, Inc.

Richard M. Padon

Richard M. Padon
Agent

Date: 8/14/09

STATE OF UTAH)
) ss
COUNTY OF RICH)

On this 13th day of Aug, 2009, before me, a Notary Public, personally appeared Ross K. McKinnon and Debra R. McKinnon, as Trustees of the Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998, known to me to be the persons described in and who executed the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed.

My Commission expires: 10-23-09

Notary Public in and for the State of Utah
Printed Name: PENNIE G. HUTCHINSON
Residing at RANDOLPH, UT

NOTARY PUBLIC
PENNIE G HUTCHINSON
125 N Main St, PO Box 56
Randolph, Utah 84064
My Commission Expires
October 23, 2009
STATE OF UTAH

STATE OF ~~UTAH~~ Idaho)
) ss
COUNTY OF ~~RICH~~ Bear Lake)

On this 14th day of August, 2009, before me personally appeared Richard M. Padon, to me personally known, who, being by me duly sworn, did say that he is the Agent for CTD, Inc., and that said instrument was signed on behalf of said corporation and said Agent acknowledged said instrument to be the free act and deed of said corporation.

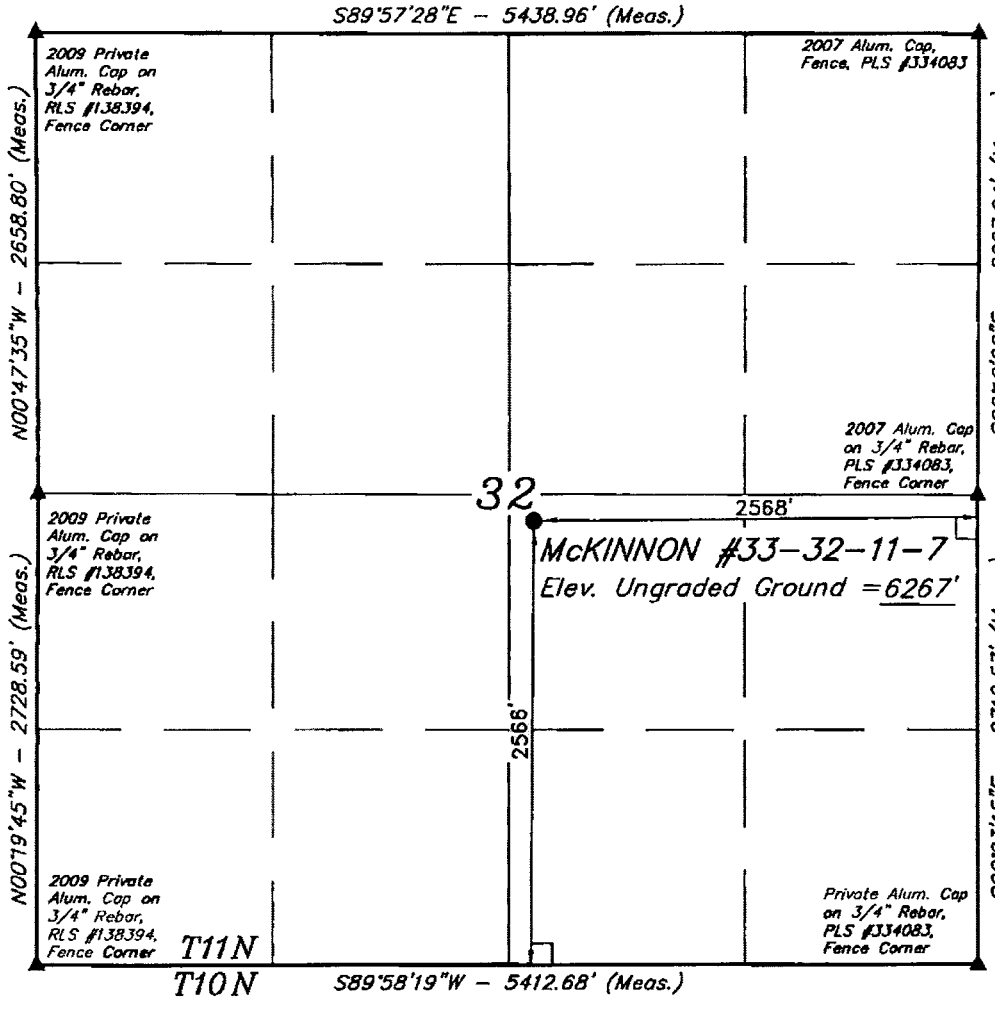
Witness my hand and official seal.

My Commission expires: 11-14-12

MAXINE MATTHEWS NOTARY PUBLIC STATE OF IDAHO

Notary Public for the State of Utah
Printed Name: Maxine Matthews
Residing at Paris ID

T11N, R7E, S.L.B.&M.



(NAD 83)
LATITUDE = 41°39'01.89" (41.650525)
LONGITUDE = 111°10'42.96" (111.178600)
(NAD 27)
LATITUDE = 41°39'02.10" (41.650583)
LONGITUDE = 111°10'40.25" (111.177847)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

CTD, Inc.

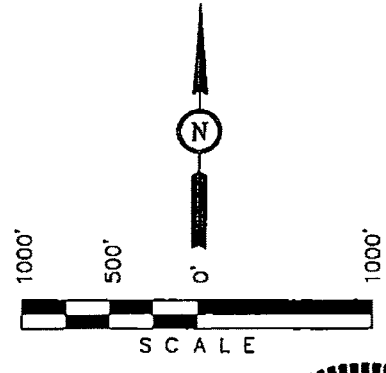
Well location, McKINNON #33-32-11-7, located as shown in the NW 1/4 SE 1/4 of Section 32, T11N, R7E, S.L.B.&M., Rich County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 28, T11N, R7E, S.L.B.&M. TAKEN FROM THE RANDOLPH QUADRANGLE, UTAH, RICH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6265 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

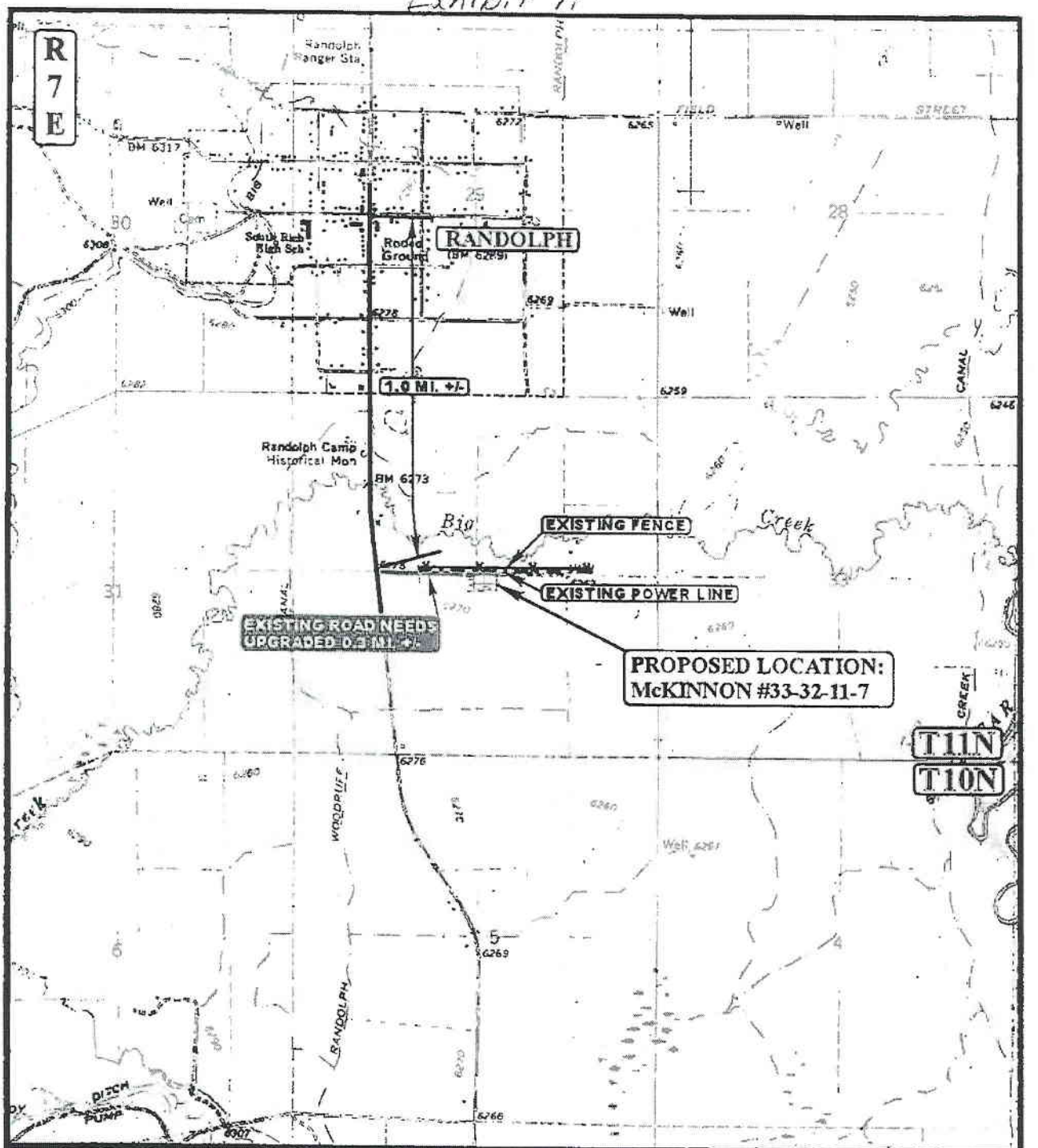
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-31-09	08-03-09
PARTY: B.B. D.R. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: CTD, Inc.	

Exhibit "A"

Exhibit "A"



LEGEND:

EXISTING ROAD
EXISTING ROAD NEEDS UPGRADED
EXISTING POWER LINE
EXISTING FENCE

N

CTD, Inc.

McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	03 DAY	09 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

CTD, Inc.

McKINNON #33-32-11-7

LOCATED IN RICH COUNTY, UTAH
SECTION 32, T11N, R7E, S.L.B.&M.

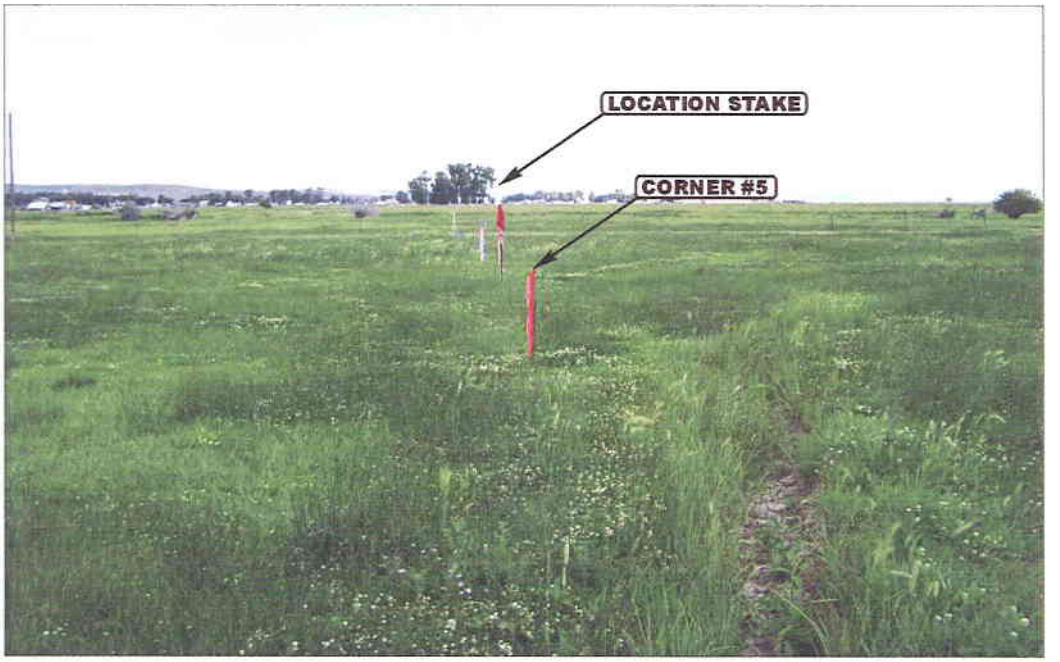
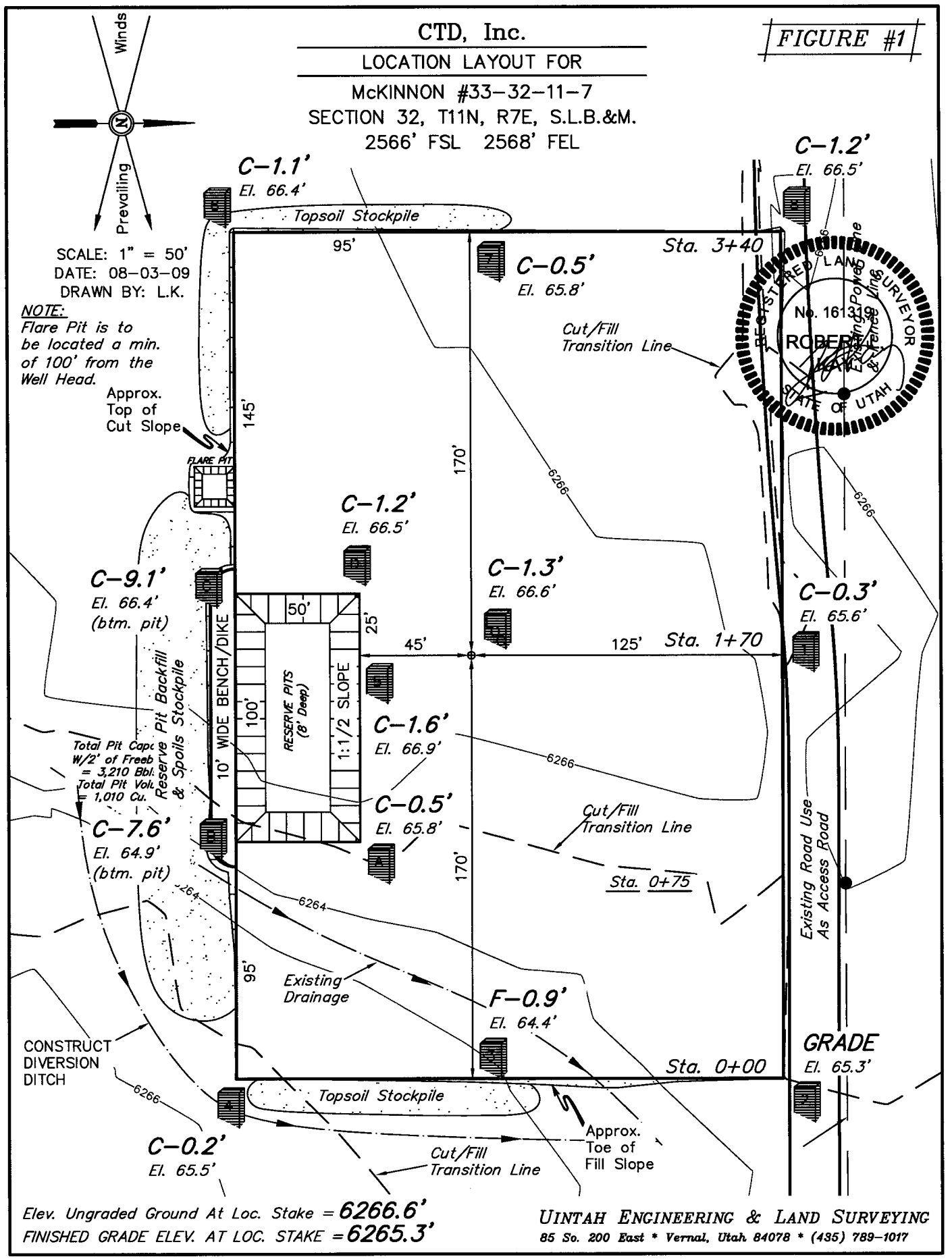


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: EASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	08 MONTH	03 DAY	09 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: Z.L.	REV: J.H. 08-25-09		


CTD, Inc.
LOCATION LAYOUT FOR
McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL
FIGURE #1
Winds
Prevailing
SCALE: 1" = 50'
DATE: 08-03-09
DRAWN BY: L.K.
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.
C-1.1'
El. 66.4'
Topsoil Stockpile
95'
C-1.2'
El. 66.5'
Sta. 3+40
C-0.5'
El. 65.8'
Cut/Fill Transition Line
Approx. Top of Cut Slope
FLARE PIT
145'
170'
6266
C-1.2'
El. 66.5'
C-9.1'
El. 66.4'
(btm. pit)
C-1.3'
El. 66.6'
C-0.3'
El. 65.6'
50'
25'
45'
125'
Sta. 1+70
10' WIDE BENCH/DIKE
RESERVE PITS (8' Deep)
1:1/2 SLOPE
100'
Reserve Pit Backfill & Spoils Stockpile
Total Pit Capc W/2' of Freeb = 3,210 Bbl. Total Pit Vol. = 1,010 Cu.
C-1.6'
El. 66.9'
C-0.5'
El. 65.8'
C-7.6'
El. 64.9'
(btm. pit)
Cut/Fill Transition Line
Sta. 0+75
Existing Road Use As Access Road
6264
95'
Existing Drainage
F-0.9'
El. 64.4'
GRADE
El. 65.3'
CONSTRUCT DIVERSION DITCH
Sta. 0+00
Topsoil Stockpile
Approx. Toe of Fill Slope
C-0.2'
El. 65.5'
Cut/Fill Transition Line
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
Existing Power Line & Fence Line
Elev. Ungraded Ground At Loc. Stake = 6266.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 6265.3'
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

CTD, Inc.

TYPICAL CROSS SECTION FOR

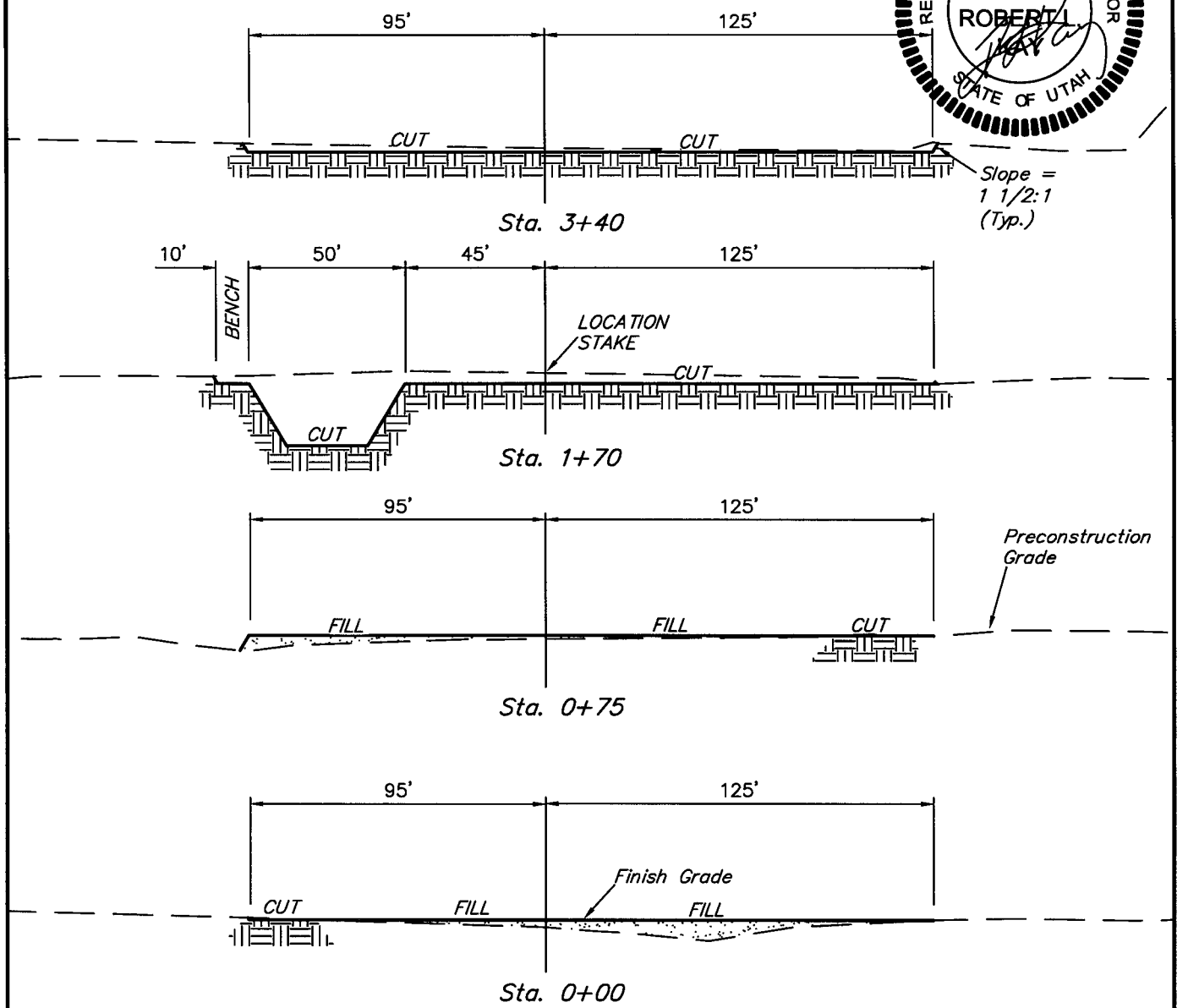
McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

DATE: 08-03-09
DRAWN BY: L.K.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 2.014 ACRES

* *NOTE:*
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	*1,440* Cu. Yds.
Remaining Location	=	*1,700* Cu. Yds.
TOTAL CUT	=	*3,140* CU.YDS.
FILL	=	*1,200* CU.YDS.

EXCESS MATERIAL	=	*1,940* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*1,940* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	*0* Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

CTD, Inc.

TYPICAL RIG LAYOUT FOR

McKINNON #33-32-11-7

SECTION 32, T11N, R7E, S.L.B.&M.

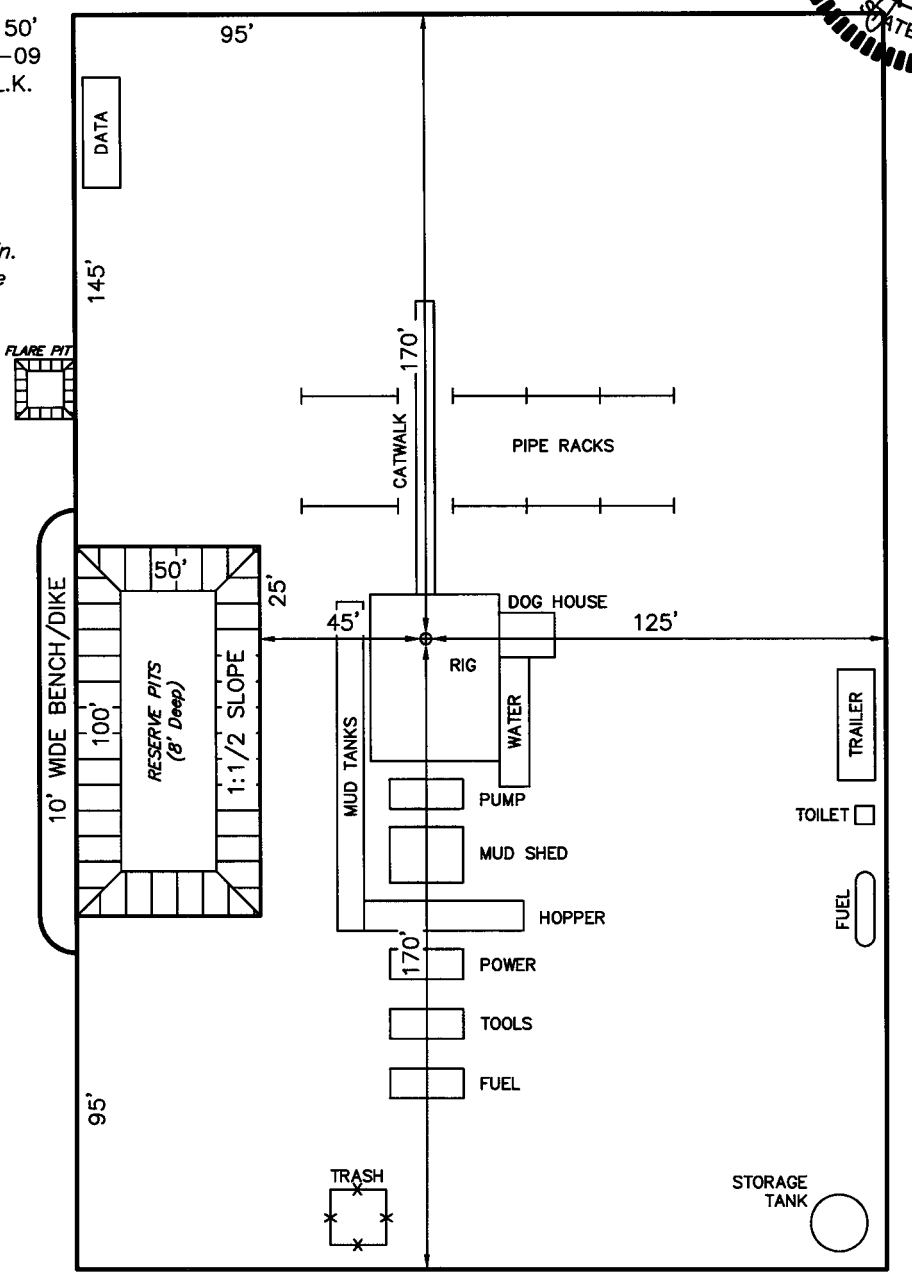
2566' FSL 2568' FEL

FIGURE #3

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH

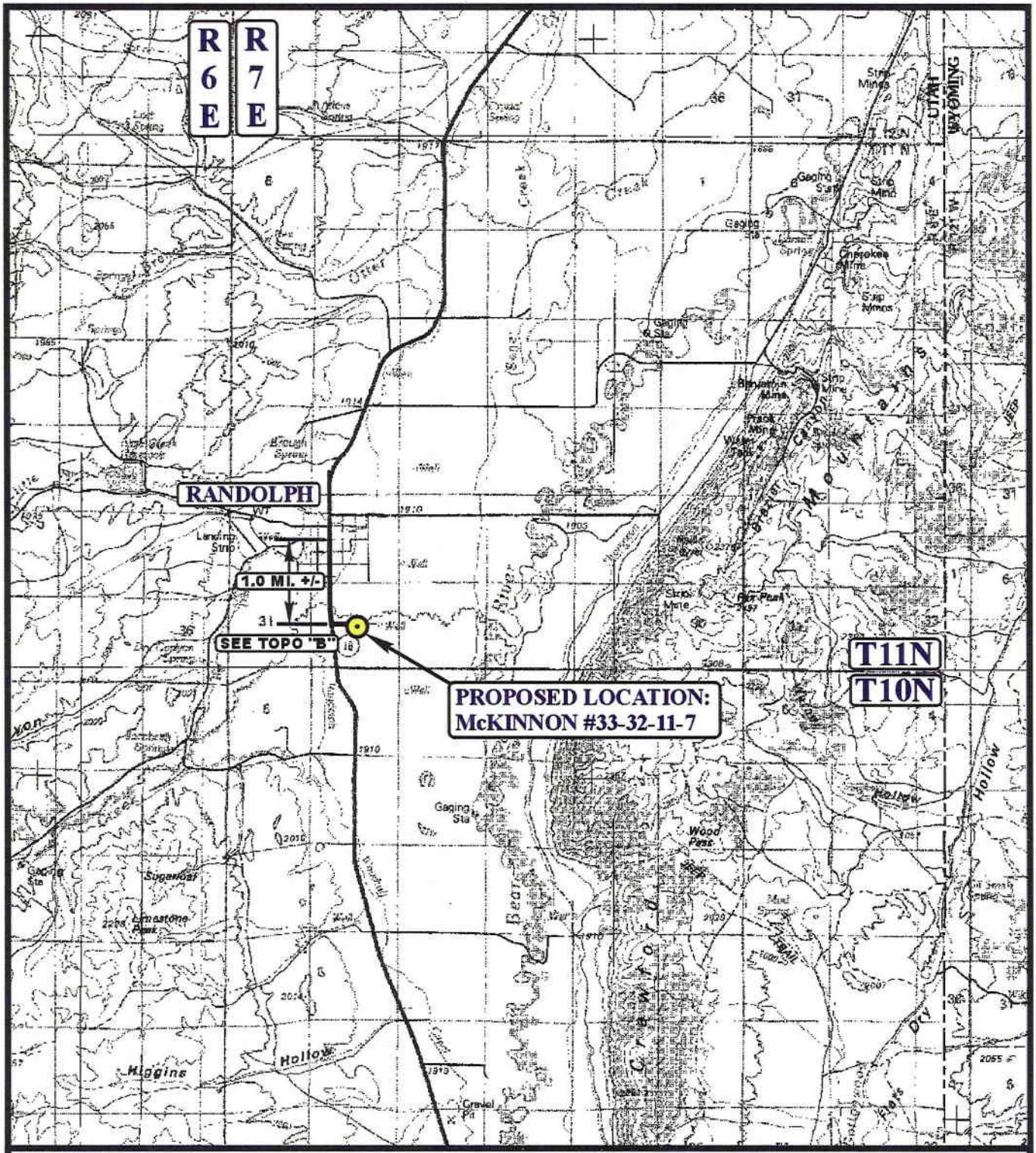
SCALE: 1" = 50'
DATE: 08-03-09
DRAWN BY: L.K.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity W/2' of Freeboard = 3,210 Bbls.± Total Pit Volume = 1,010 Cu. Yds

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*



LEGEND:

PROPOSED LOCATION

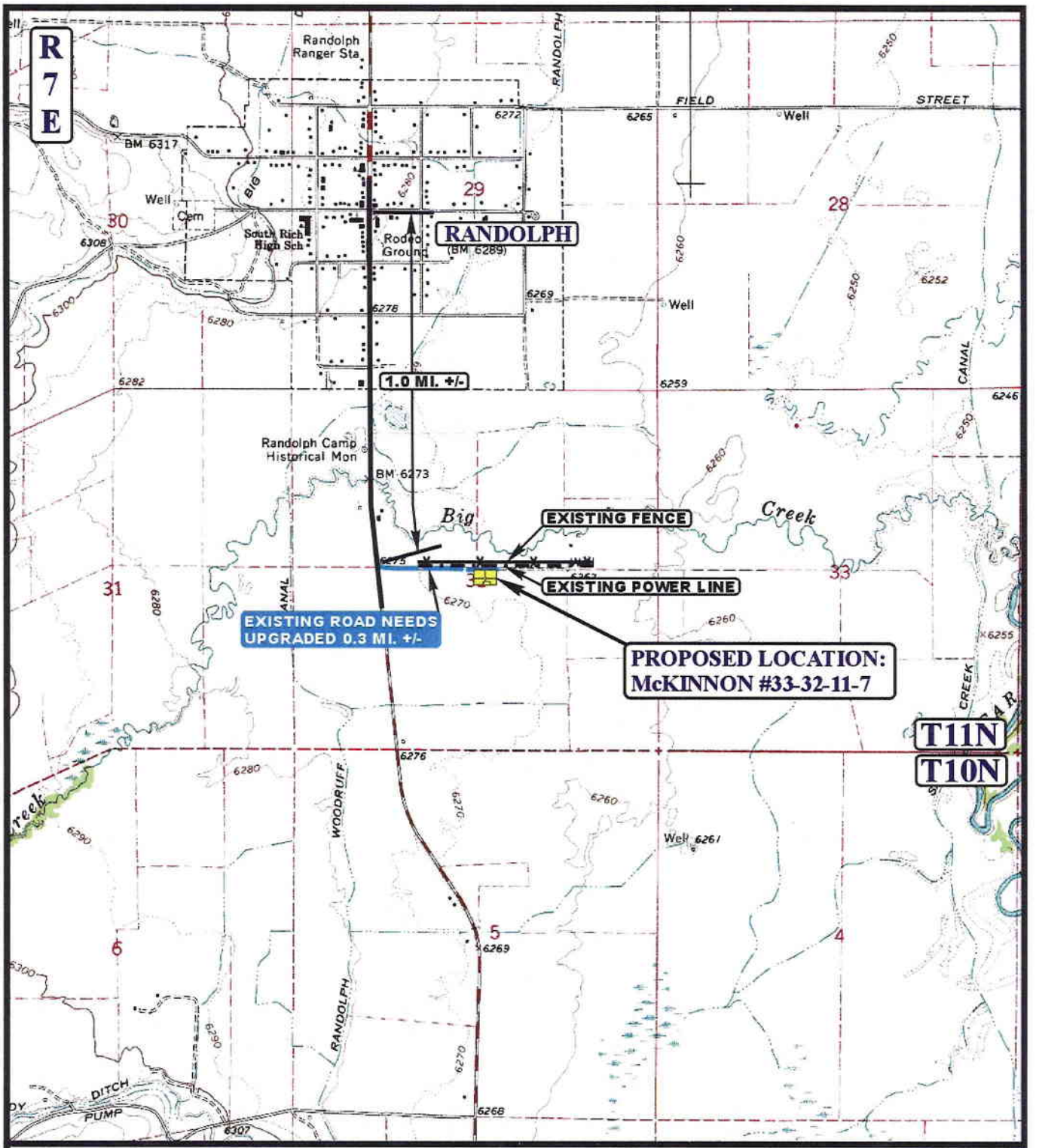
N

CTD, Inc.

McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	03 DAY	09 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: Z.L.	REVISED: 00-00-00		



LEGEND:

- EXISTING ROAD
- EXISTING ROAD NEEDS UPGRADED
- EXISTING POWER LINE
- EXISTING FENCE

N

CTD, Inc.

McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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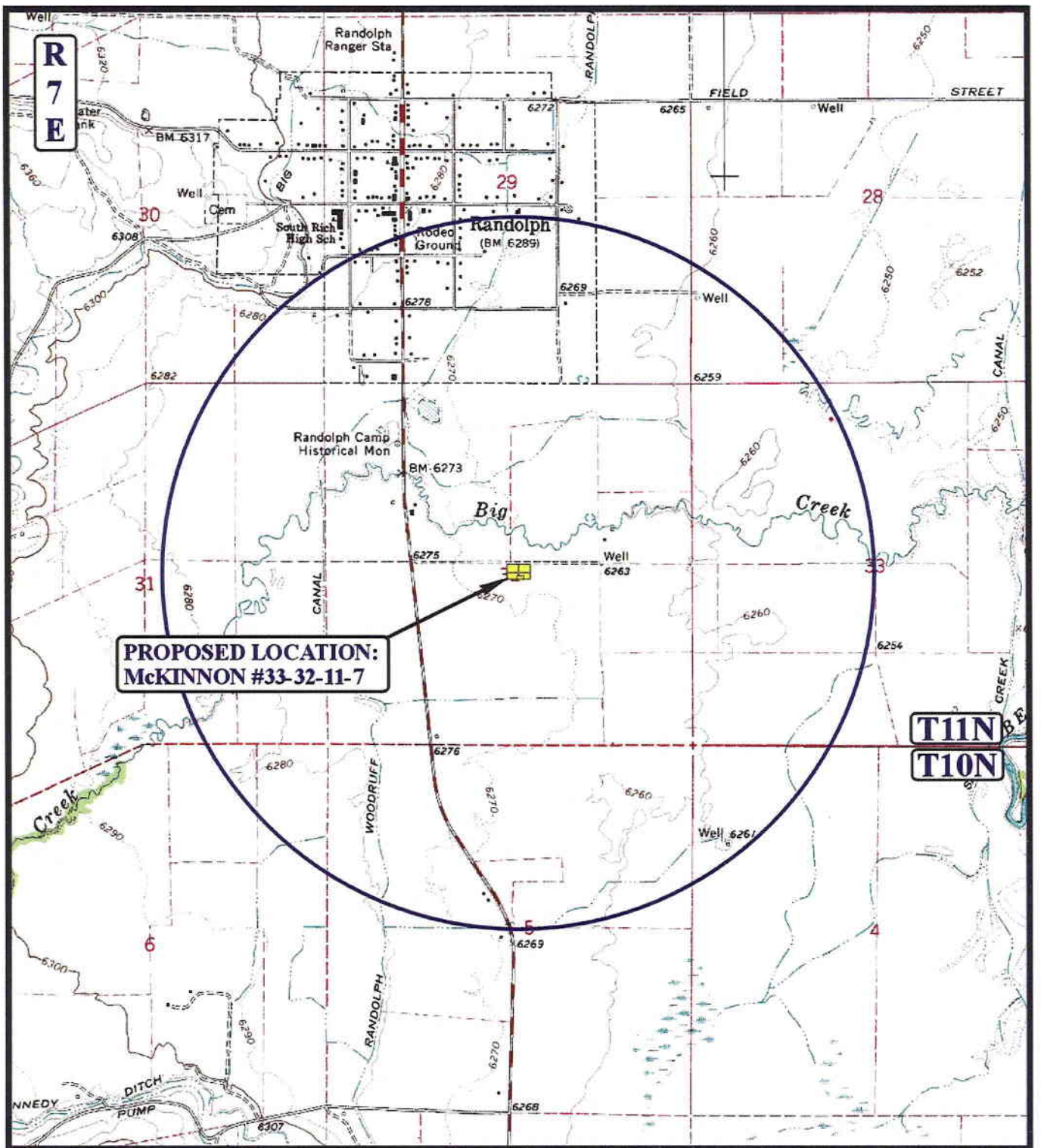
TOPOGRAPHIC MAP	08 MONTH	03 DAY	09 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

CTD, Inc.

McKINNON #33-32-11-7
SECTION 32, T11N, R7E, S.L.B.&M.
2566' FSL 2568' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 08 MONTH | 03 DAY | 09 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: Z.L. | REVISED: 00-00-00

H2S Contingency Plan

For

CTD Incorporated

McKinnon # 33-32-11-7

2566 feet FSL – 2568 feet FEL
NWSE, Section 32, Township 11N, Range 7E

Rich County, UT

3355 North Five Mile Rd # 334
Boise, Idaho 83713-3925
(208) 376-7686

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Introduction

It is the policy of CTD, INC. to provide a safe and healthful work environment for all of its employees as well as contractors that may work on any CTD, INC. leases. CTD, INC. makes a continued effort to comply with laws and regulations relative to worker safety and health, and to manage all operations in a manner to reduce risk.

The following is a H2S contingency plan for the CTD INC. McKinnon # 33-32-11-7 well. It is designed for personnel working on this project to follow in case of an accidental release of hydrogen sulfide during drilling and or completion operations. For the plan to be effective, all personnel must review and be familiar with onsite duties as well as the safety equipment involved.

The purpose of this plan is to act as a guideline for personnel working on the wellsite in the event of a sudden release of hydrogen sulfide. All personnel working on the wellsite as well as service personnel that may travel to location on an unscheduled basis must be familiar with this program. The cooperation and participation of all personnel involved with the drilling operation is necessary for this plan to be effective.

Directions to Location:

1.5 mi Southeast of Randolph, UT

Directions to Evanston Regional Hospital (see Figures 1 and 2)

Evanston Regional Hospital
190 Arrowhead Dr.
Evanston, WY 82930-9266

1. Point A (wellsite location) - From rig exit access road, head West, go 0.3 miles.
2. Turn left at UT-16S, (entering WY), go 19.5 mi.
3. Continue onto WY-89 S for 11.6 mi.
4. Turn right at Bear River Dr, go 0.4 mi.
5. Turn right at the 1st cross street onto Front St, go 0.1 mi.
6. Take the 2nd left onto 11th St/Harrison Dr, go 1.2 mi.
7. Continue onto Overthrust Rd, go 1.3 mi.
8. Turn right at Lodgepole Dr, go 0.1 mi.
9. Turn left at Feather Way, hospital on the right, Point B.

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 29, 2009

CTD, Inc
3355 North Five Mile Rd, #334
Boise, ID 83713-3925

Re: McKinnon 33-32-11-7 Well, 2566' FSL, 2568' FEL, NW SE, Sec. 32, T. 11 North, R. 7 East, Rich County, Utah

CTD, Inc:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-033-30071.

Sincerely,

Clinton L Dworshak
for Gil Hunt
Associate Director

js
Enclosures
cc: Rich County Assessor

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: CTD, Inc

Well Name & Number McKinnon 33-32-11-7

API Number: 43-033-30071

Lease: Fee

Location: NW SE **Sec.** 32 **T.** 11 North **R.** 7 East

Conditions of Approval

1) **General**
Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2) **Additional Approvals:**
The operator is required to obtain approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

3) **Notification Requirements:**
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
- Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

4) **Contact Information:**
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 – after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 – after office hours

5) **Reporting Requirements:**
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:
   - Entity Action Form (Form 6) – due within 5 days of spudding the well
   - Monthly Status Report (Form 9) – due by 5th day of the following calendar month
   - Requests to Change Plans (Form 9) – due prior to implementation
   - Written Notice of Emergency Changes (Form 9) – due within 5 days
   - Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
   - Report of Water Encountered (Form 7) – due within 30 days after completion
   - Well Completion Report (Form 8) – due within 30 days after completion or plugging

6) Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7) The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. You will be required to comply with any applicable recommendations resulting from this review.

8) This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **CTD, INC**

Well Name: **McKINNON 33-32-11-7**

Api No: **43-033-30071** Lease Type: **FEE**

Section **32** Township **11N** Range **07E** County **RICH**

Drilling Contractor **TRIPLE AAA DRILLING** RIG #

SPUDDED:

Date **03/11/2010**

Time **12:00 NOON**

How **DRY**

Drilling will Commence:

Reported by **CAROL T DAVIS VIA E-MAIL**

Telephone #

Date **03/112010** **Signed** **CHD**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: CTD, Inc.
Operator Account Number: N 3605
Address: 3355 North Five Mile Road
city Boise
state ID zip 83713
Phone Number: (208) 376-7686

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303330071	McKinnon 33-32-11-7		NWSE	32	11N	7E	Rich
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	17540	3/10/2010			3/22/10	

Comments: Spudding Operations were conducted by Triple AAA drilling @ 12:00 p.m. MDSN

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Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

Carol Davis
Name (Please Print)
Carol Davis
Digitally signed by Carol Davis
DN: cn=Carol Davis, o=CTD Inc, ou, email=carol@landrecordsresearch.com, c=US
Date: 2010.03.11 10:13:23 -07'00'
Signature
President
Title
3/10/2010
Date

RECEIVED
MAR 15 2010
DIV. OF OIL, GAS & MINING

(5/2000)

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FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: CTD, Inc.

9. API NUMBER: 43~~01931446~~ 033-30071

3. ADDRESS OF OPERATOR: 3355 N. Five Mile Rd CITY Boise STATE ID ZIP 83713

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

March monthly activitiy report.

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis Digitally signed by Carol Davis DN: cn=Carol Davis, o=CTD Inc, ou, email=carol@undrecordsresearch.com, c=US Date: 2010.04.07 21:54:36 -06'00' DATE 4/8/2010

(This space for State use only)

RECEIVED
APR 14 2010
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

CTD, Inc.

Well Summary Report

McKinnon 33-32-11-7 3/26/2010 06:00 - 3/27/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Receive final loads & start rigging up
Rig up sub & set on draworks
Set pits & pumps
Pin derrick togather - 24

McKinnon 33-32-11-7 3/27/2010 06:00 - 3/28/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Set derrick on floor & restring with new drill line
Set in out buildings & run electrical, water & steam lines
Patterson is installing a new man rider in derrick & adjusting board fingers for 5" pipe
Patterson is working on some safety issues, Hand rails, safety cables & walkways
Done with trucks @ 4:00 pm 3/27/2010 - 24

McKinnon 33-32-11-7 3/28/2010 06:00 - 3/29/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Troubleshoot lighplant & change out batteries - 4, Electrician working on a problem with the man rider
working on Safety issues, walkways & handrails - 6, Slip on wraps & raise the derrick - 1, Troubleshoot problems with the hydraulic system & change out bad lines - 5, Rig up floor & pick up kelly & swivle, change out union on swivle
install a new hydamatic - 5, Weld on conductor
Hook up flowline - 3

McKinnon 33-32-11-7 3/29/2010 06:00 - 3/30/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Repair problems with mud pumps, hopper motors
shaker motors
Water pumps locked up & lines plugged
Diesel pumps went down & one burnt up
Change out diesel hoses that started leaking hoses were rotten
Rod oiler pumps went down with electrical problems
Rig on daywork @ 18:00 - 12, Strap & pick up Bha tag cmt @ 103' - 3, Drill cmt from 103' to 118' to formation - 1, Drill 14.75 surface from 118' to 169
Hole sluffing, plugged flowline - 2, Pull up into conductor - 0.5, Clean flowline of sluff & cuttings - 2, Break down stand of collars to ream from 118 - 1, Wash & ream from 118 to 149,
40 vis 8.5 wt - 0.5, Clean flowline - 0.5, Wash & ream from 149 to 169 - 0.5, Drill from 169 to 199 - 1

McKinnon 33-32-11-7 3/30/2010 06:00 - 3/31/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Drill 199' to 324'. (111' @ 27.8 fph, WOB All, RPM 60, GPM 425) - 4, Circulate at reduced rate and clean plugged flow line. Rig up Slickline machine. TOTCO survey at 279', 0 degrees. - 3, Drill 324' to 415'. (91' @ 45.5 fph) WOB 25, RPM 60, GPM 390 - 2, TOTCO survey at 370', 0.75 degrees. - 0.5, Drill 415' to 501'. (86' @ 43 fph) WOB 45, RPM 60, GPM 425 - 2, TOTCO survey at 456', 0.75 degrees - 0.5, Rig Service. - 0.5, Drill 501' to 530'. (30' @ 60 fph) WOB 45, RPM 60, GPM 425 - 0.5, Circulate and condition for bit trip. - 0.5, TOOH free for bit change. - 1.5, Hang blocks and replace weight indicator load sensor. - 2.5, Change bit and bit sub, P/U 8" DC and TIH. - 2.5, Drill 530' to 587'. (57' @ 114 fph) WOB 35, RPM 45, GPM 425 - 0.5, TOTCO survey at 542', 0.75 degrees. - 0.5, Drill 587' to 677'. (90' @ 90 fph) WOB 35, RPM 45, GPM 425. - 1, TOTCO survey at 632', 0.75 degrees. - 0.5, Drill 677' to 737'. (60' @ 40 fph) WOB 45, RPM 60, GPM 425. - 1.5

McKinnon 33-32-11-7 3/31/2010 06:00 - 4/1/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Drill 737' to 767'. (30' @ 60 fph, WOB 35k, RPM 50, GPM 425). - 0.5, TOTCO survey at 717', INC = 2.0 deg. - 0.5, Drill 767' to 831'. (64' @ 42.7 fph, WOB 35K, RPM 50, GPM 425). - 1.5, TOTCO survey at 781', INC = 1.0 deg. - 0.5, Drill 831' to 927'. (96' @ 64 fph, WOB 35k, RPM 60, GPM 425). - 1.5, TOTCO survey at 877', INC = 0.75 deg. - 0.5, Drill 927' to 1022'. (95' @ 47.5 fph, WOB 35k, RPM 60, GPM 425). - 2, TOTCO survey at 972', INC = 1.0 deg. - 0.5, Drill 1022' to 1118'. (96' @ 96 fph, WOB 45k, RPM 60, GPM 425). - 1, TOTCO survey at 1068', INC = 1.0 deg. - 0.5, Drill 1118' to 1214'. (96' at 64 fph, WOB 45k, RPM 60, GPM 425). - 1.5, TOTCO survey at 1164', INC = 0 deg. - 0.5, Drill 1214' to 1246'. (31' ! 31 fph, WOB 45k, RPM 60, GPM 425). - 1, Pump repair. Change liner gasket in Pump #1, Clutch is out on Pump #2. - 1.5, Drill 1246' to 1341'. (95' at 31.7 fph, WOB 45k, RPM 60, GPM 425). Lost 100 bbl mud at 1280'. - 3, TOTCO survey at 1301', INC = 1.0 deg. - 0.5, Drill 1341' to 1436'. (95' at 38 fph, WOB 50k, RPM 60, GPM 375). Lost 200 bbl at 1341'. - 2.5, TOTCO survey at 1396', INC = 1.0 deg. - 0.5, Drill 1436' to 1531'. (95 ' at 38 fph, WOB 50k, RPM 60, GPM 375) - 2.5, TOTCO survey at 1501', INC = 1.0 deg. - 0.5, Build volume, mix mud chemicals and LCM, Pump LCM. - 1

McKinnon 33-32-11-7 4/1/2010 06:00 - 4/2/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Drill 1531' to 1627'. (96' @ 32 fph, WOB 50k, RPM 60, GPM 375) - 3, TOTCO survey at 1576', INC = 1.00 deg. - 0.5, Drill 1627' to 1754'. (127' @ 23.1 fph, WOB 50k, RPM 60, GPM 325). - 5.5, TOTCO survey at 1704', INC = 1.5 deg. - 0.5, Drill 1754' to 1849'. (95' at 21.1 fph, WOB 55k, RPM 60, GPM 325) - 4.5, TOTCO survey at 1804', INC = 2.0 deg. - 0.5, Drill 1849' to 1965'. (116' at 12.2 fph, WOB 57k, RPM 60, GPM 375). - 9.5

McKinnon 33-32-11-7 4/2/2010 06:00 - 4/3/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Drill 1965' to 1977'. (12' at 24 fph, WOB 55k, RPM 60, GPM 375)) - 0.5, TOTCO survey at 1927', INC = 2 deg. - 0.5, Drill 1977' to 2040'. (63' at 14 fph, WOB 55k, RPM 60, GPM 375) - 4.5, TOOH for directional tools. - 4, Pull BOP's out from under substructure. Send to Casper for repairs. - 1.5, Pick up Weatherford directional tools. (8" MM w/1.5 deg BH and 8" EM MWD) - 3.5, TIH free with directional tools. - 3.5, MWD survey at 1985', INC = 5.06 deg, AZ = 63.96 deg. TOH to DC's to re-survey hole from 757' to TD. - 1.5, TIH from 810', Record MWD survey every 2 stands. MWD surveys and TOTCO surveys matched. - 2, Drill 2040' to 2065'. (25' at 10 fph, WOB 45k, RPM 50+50=100, GPM 375), Slide 2040' to 2050'. - 2.5

McKinnon 33-32-11-7 4/3/2010 06:00 - 4/4/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Steerable drill 2065' to 2076'. (11' @ 4.4 fph, WOB 60k, RPM 0, GPM 400) - 2.5, Repair swivel. - 1.5, Service rig, Continue swivel repair. - 0.5, Steerable drill 2076' to 2417'. (341' at 17.5 fph, WOB 50k, RPM 50, GPM 400) - 19.5

McKinnon 33-32-11-7 4/4/2010 06:00 - 4/5/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Steerable drill 2417' to 2489'. (72' at 18 fph, WOB 50k, RPM 100, GPM 400) - 4, Repair drive chain to rotary table. - 0.5, Service rig. Finish repairing rotary chain. - 0.5, Steerable drill 2489' to 2535'. (46' at 18.4 fph, WOB 50k, RPM 60, GPM 400) - 2.5, Pump 30 bbl hi-vis sweep with 5 sacks nut plug and circulate out. Sweep returned on time. - 1, TOOH 7 stands to 1876' for wiper trip. Maximum drag 40k over. RIH free to bottom. - 1.5, Pump 30 bbl hi-vis sweep with 5 sacks nut plug and circulate out. Sweep returned on time. - 1, Pump weighted slug and TOOH for logs. - 4.5, L/D 8" DC's and Weatherford directional tools. - 1, R/U Schlumberger and run GR/Sonic/CAL. Wireline tag depth = 2525'. POOH with logging tools to reconfigure centralizers due to poor data quality. - 4, Logging with Schlumberger. R/D loggers. - 3.5

McKinnon 33-32-11-7 4/5/2010 06:00 - 4/6/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Rig up casing crew and laydown machine. - 2, P/U 9-5/8" Float Shoe, 1 Jt 9-5/8" csg, Float Collar and 57 jts of 9-5/8" OD, 36 ppf, J-55, STC casing. - 4, Tag fill at 2,500', wash down 2,500' to 2,527'. - 1, R/D casing crew and laydown machine. Rig up cementers. - 1, Cement 9-5/8" casing with 300 bbl 11.5 ppg lead followed by 55 bbl 13.5 ppg tail. Full returns throughout. Returned 160 bl to surface. Cement level remained at surface. - 3.5, Rig down Halliburton cementers. - 0.5, Wait on cement. - 6, Remove flowline, cut off conductor, cut off landing joint, install Cameron 11" 5k wellhead. - 6

IPS PRESSURE TESTING
Phone (307) 382-2040

43-033-30071

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B.O.P TEST REPORT

B.O.P. TEST PERFORMED ON (DATE) 4/7/10

OIL COMPANY Bill Barrett

WELL NAME & NUMBER McKinnon 33-32-11-F 7

SECTION 32

TOWNSHIP 11N

RANGE 7E

COUNTY & STATE Rich, Utah

DRILLING CONTRACTOR Patterson #12

OIL COMPANY SITE REPRESENTATIVE

RIG TOOL PUSHER

TESTED OUT OF Rock Springs, WY

NOTIFIED PRIOR TO TEST

COPIES OF THIS TEST REPORT SENT TO: State of Utah Division of Oil, Gas & Mining

ORIGINAL CHART & TEST REPORT ON FILE AT:

IPS Pressure Testing
PO BOX 159
Rock Springs, WY 82935

RECEIVED
APR 28 2010
DIV. OF OIL, GAS & MINING

IPS / dba Double Jack Testing

Accounting Office: PO Drawer 2080 • Riverton, WY 82501 • (307) 857-0076
Field Operations:
Riverton, WY (307) 857-0077
Evanston, WY (307) 789-9213
Rock Springs, WY (307) 382-4020
Big Piney, WY (307) 276-5265
Vernal, UT (435) 781-0448

FIELD TICKET 27830

DATE 4-7-10
[X] OPERATOR Bill Barrett corp
[ ] CONTRACTOR Patterson #12
WELL NAME Mckinnon 33-32-11-7

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
Rich	Utah	Sec-32	T-11N	R7E

API - 43-033-30071

Items Tested:

	LOW TEST PSI	TIME HELD MINUTES	HIGHTEST PSI	TIME HELD MINUTES
Top Pipe Rams	—	—	—	—
Bottom Pipe Rams	—	—	5000Psi	10 min
Blind Rams	—	—	5000Psi	10min
Annular B.O.P.	—	—	1500Psi	10min
Choke Manifold	—	—	5000Psi	10min
Choke Line	—	—	5000psi	10 min
Kill Line	—	—	5000Psi	10 min
Super Choke	—	—	5000Psi	2 min
Upper Kelly	—	—	5000Psi	10min
Lower Kelly	—	—	5000Psi	10 min
Floor Valve	—	—	5000Psi	10 min
Dart Valve	—	—	5000Psi	10min
Casing	—	—	1500Psi	30min

Closing Unit PSI 1600Psi
Closing Time of Rams 5sec
Closing Time of Annular 13sec
Closed Casing Head Valve Yes
Set Wear Sleeve NO

COMMENTS

ADDITIONAL TESTS & COMMENTS DRILLING [X] COMPLETION [ ]

		CHARGES
TEST PLUG	11" C22 4 1/2" XH	182.00
TOP SUB.	4 1/2" XH	72.00
KELLY SUB.	4 1/2" XH	72.00
X-OVER SUB.		
OTHER		

QUANTITY	RATES	
1 unit	UNIT RATES Setup charge 1st 7hrs on Location to test BOPs	1375.00
4hrs	ADDITIONAL additional hours for test unit @ 110.00	440.00
70	MILEAGE Round trip From Evanston, wy @ 2.75 mile	192.50
130	ANTIFREEZE 50% Methanol use to test @ 1.00 Per gallon	130.00
	OTHER	

PURCHASE ORDER # AFE 15L35D

Mike Eisner, Jake Wright
NO ACCIDENTS TESTED BY

Howard Leeper
COMPANY REPRESENTATIVE

#196
DOUBLE JACK TESTING UNIT NUMBER

Print Name COST CODE 830.175

SUBTOTAL 2463.50
TAX
TOTAL

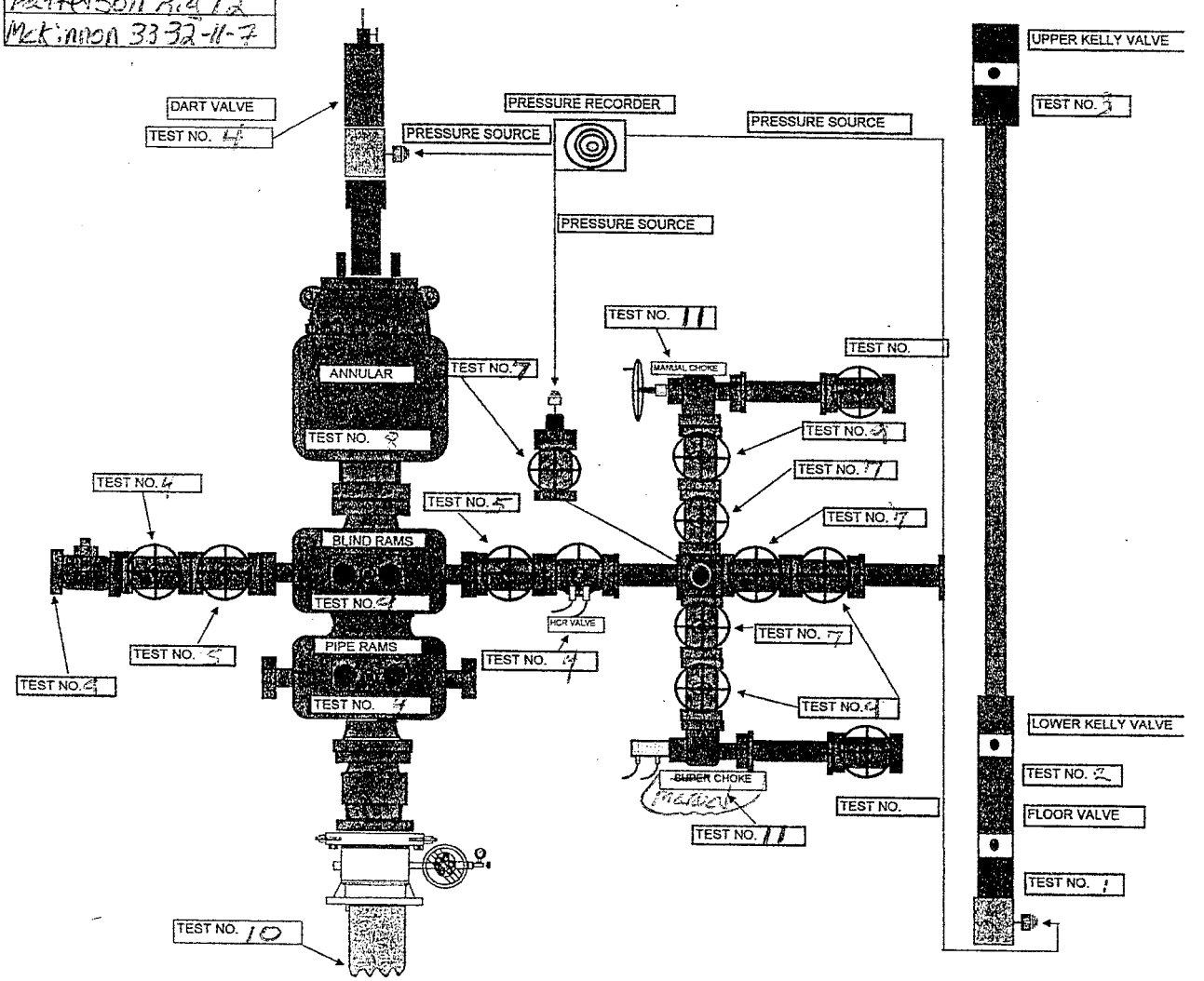
NOTICE TO ALL CUSTOMERS

If this account shall not be paid when due and it is placed with an attorney for collection, or if suit be instituted for collection, the undersigned agree(s) to pay in either case, reasonable expense of collection including attorney's fees and court cost in compliance with TRUTH IN LENDING AND THE UNIFORM CONSUMER CREDIT CODE, the following information disclosure, under the terms of our regular accounts, all amounts for service due and payable within THIRTY (30) DAYS from the receipt of an invoice for such services. A LATE CHARGE will be assessed when accounts are not paid when due. THE LATE CHARGE is computed by a "periodic rate" 1-3/4% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 21% to the previous balance in the account on the billing date. No further credit can be extended on unpaid delinquent accounts until the delinquent account is paid in full. The contractor will not be held liable for damages caused by acts of God, or unforeseen circumstances that could not be reasonably anticipated in performing the work done as set forth above.

IPS PRESSURE TESTING

COMPANY		LEASE & WELL NAME	TEST DATE	RIG NAME & #	API #
Bill Barrett Corp		McKinnon 33-32-11-F	4-7-10	Patterson #12	43-033-30071
TEST	TIME	ITEMS TESTED			
		96 minute rotation			
1	10:40pm	Floor valve (TIW)			
2	10:55pm	Lower kelly			
3	11:10pm	Upper Kelly			
4	1:15pm	Pipe rams, HCR, outside kill, dart valve			
5	1:40pm	Inside kill, manual			
6	2:40pm	Accumulator function test			
7	3:00pm	Inside choke manifold valves and riser valve			
8	3:15pm	Annular			
	3:40pm	Check valve not holding (replaced it)			
9	5:00pm	Blinds, check valve, outside manifold valves			
10	6:20pm	Casing Test			

Date	4-7-10
operator	Bill Barrett corp
contractor	Patterson Rig 12
	McKinnon 3332-11-7



IPS Pressure Testing

Patterson Rig #12
McKinnon 33-32-11-7

Accumulator Function Test

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR (**O.S.O. #2 section III.A.2.c.i. or ii or iii)**

1. Make sure all rams and annular are open and if applicable HCR is closed.
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR Valve. (If applicable)
4. Close annular.
5. Close **all** pipe rams.
6. Open one set of the pipe rams to simulate closing the blind ram.
7. If you have a 3 ram stack open the annular to achieve the 50± % safety factor for 5M and greater systems).
8. Accumulator pressure should be 200 psi over **desired** precharge pressure, (Accumulator working pressure {1500 psi = 750 **desired** psi}{2000 and 3000 psi = 1000 **desired** psi}).

starting 3000 psi

9. **Record the remaining pressure** 1600 **psi.**
If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS **(O.S.O. #2 section III.A.2.f.)**

Shut the accumulator bottles or spherical, (isolate them from the pumps & manifold) open the bleed off valve to the tank,(manifold psi should go to O psi) close bleed valve.

1.Open the HCR valve, (if applicable).
2.Close annular.
3. With **pumps** only, time how long it takes to regain manifold pressure to 200 psi over **desired** precharge pressure! (Accumulator working pressure {1500 psi = 750 **desired** psi}{2000 and 3000 psi = 1000 **desired** psi}).

4. **Record elapsed time** 28 sec . (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL **(O.S.O. #2 section III.A.2.d.)**

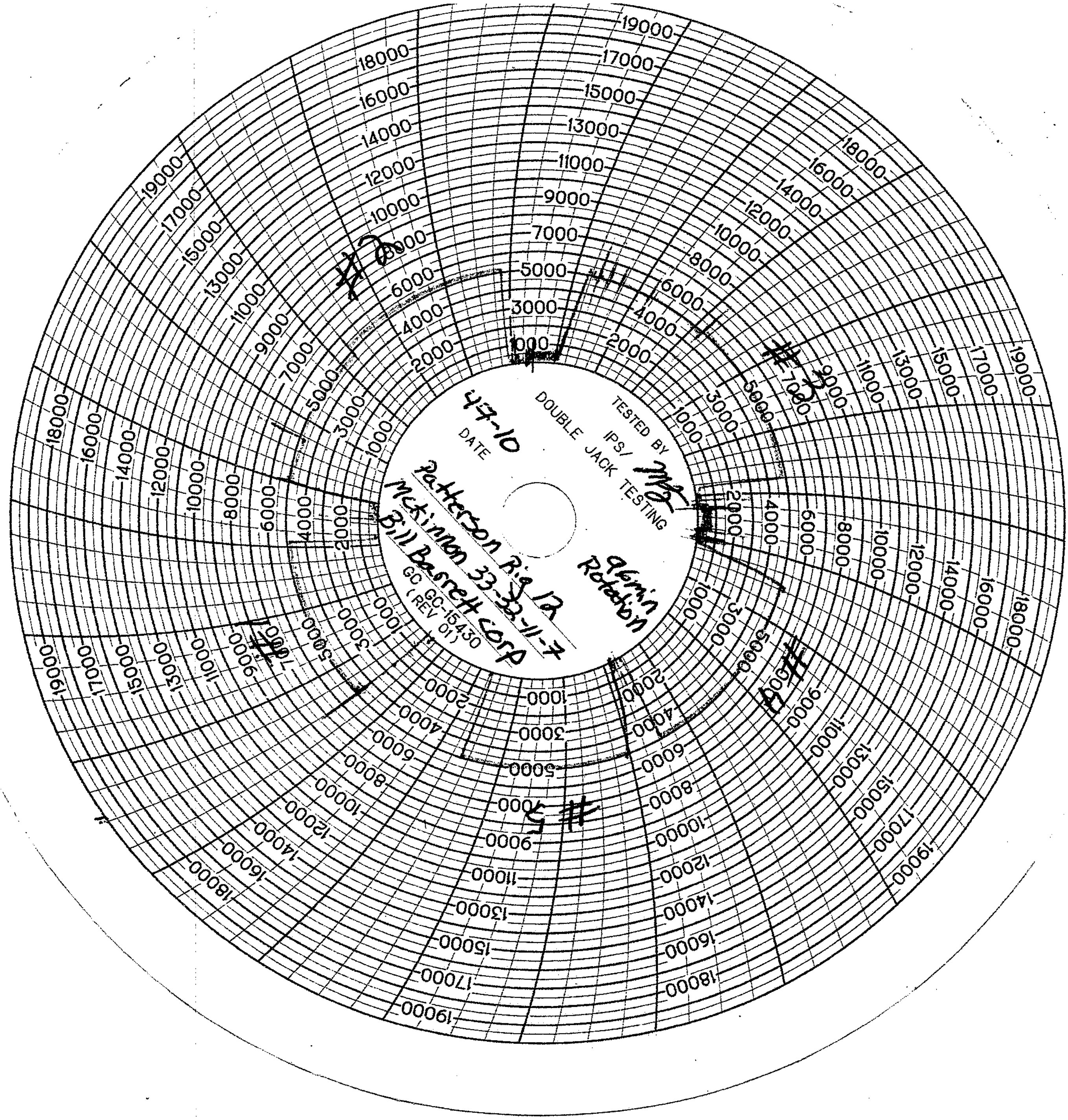
1. Open bottles back up to the manifold (pressure should be above the **desired** precharge pressure, {1500 psi = 750 **desired** psi}{2000 and 3000 psi = 1000 **desired** psi}) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank.
3. Watch and record where the pressure drops, (**accumulator** psi).

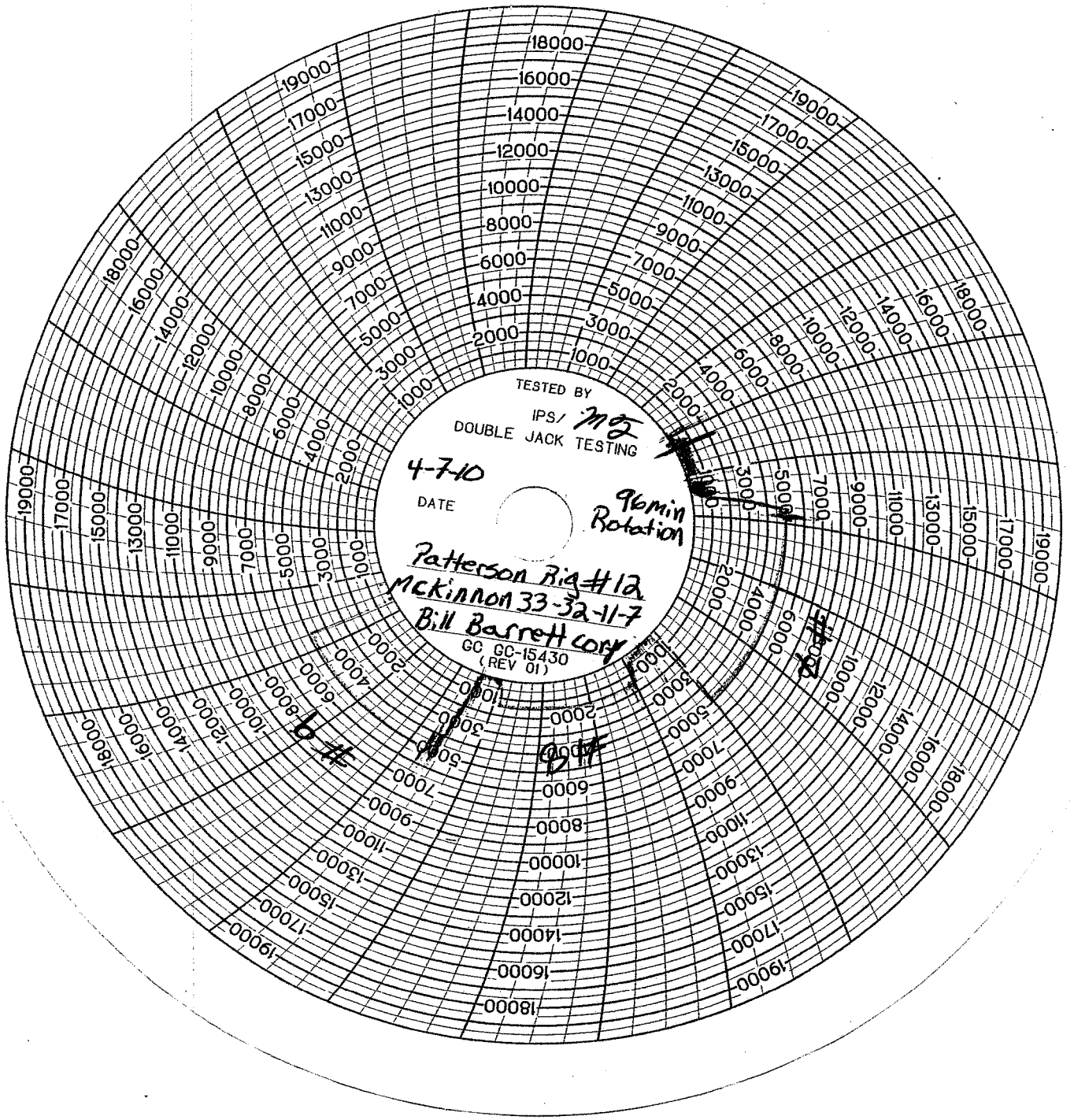
Record the pressure drop 1000 **psi.**
If pressure drops below MINIMUM precharge, (Accumulator working pressure {1500 psi = 700 min.}{2000 and 3000psi = 900 psi min.}) each bottle shall be independently checked with a gauge.

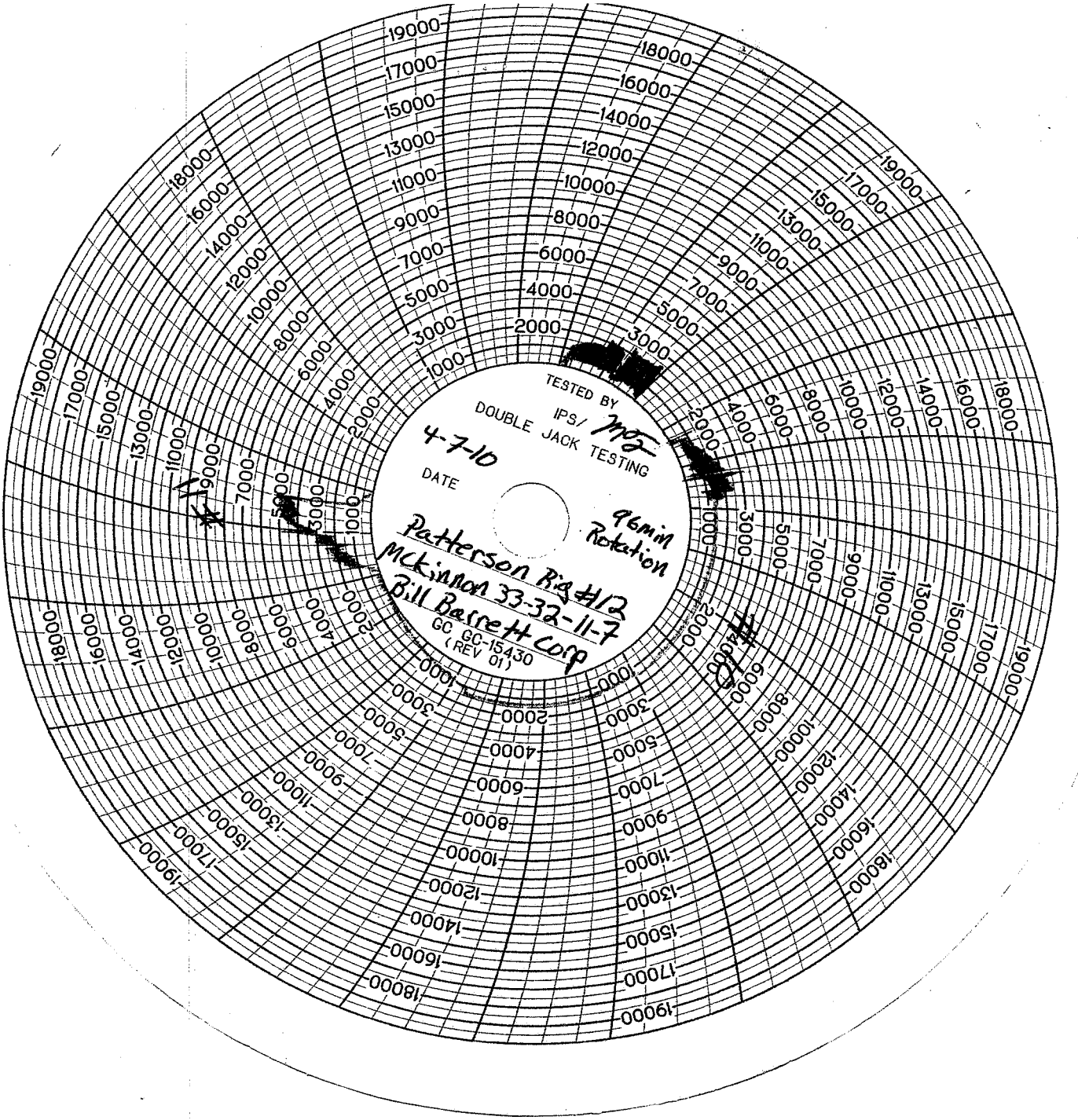
IPS PRESSURE TESTING

COMPANY	LEASE & WELL NAME	TEST DATE	RIG NAME & #	API #
Bill Barrett Corp	McKinnon 33-32-11-7	4-7-10	Patterson #12	

TEST	TIME	ITEMS TESTED
		96 minute rotation
1	10:40pm	Floor Valve (TIW)
2	10:55pm	Lower Kelly
3	11:10 PM	upper Kelly
4	11:15 AM	pipe rams, HCR, outside kill, Dart valve
5	11:40 AM	inside Kill, manual
6	2:40	Accumulator Function TEST
7	3:00	inside check manifold valves & Riser Valve
8	3:15	Annular
	3:40	check valve not holding (Replaced it)
9	5:00	Blinds - check valve - outside manifold valves
10	6:20	casing test
11	7:20	Manual chokes


TESTED BY
IPS/
DOUBLE JACK TESTING
DATE
4-7-10
Patterson Rig 12
Bill Barrett corp
96min
Rotation
GC GC-15430
(REV 01)


TESTED BY
IPS/ MS
DOUBLE JACK TESTING
4-7-10
DATE
96 min Rotation
Patterson Rig #12
McKinnon 33-32-11-7
Bill Barrett Corp
GC GC-15430
(REV 01)


TESTED BY
IPS/ JACK TESTING
DOUBLE
4-7-10
DATE
96min Rotation
Patterson Rig #12
McKinnon 33-32-11-7
Bill Barrett Corp
GC GC-15430
(REV 01)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: CTD, Inc.

9. API NUMBER: 4303330071

3. ADDRESS OF OPERATOR: 3355 N. Five Mile Rd CITY Boise STATE ID ZIP 83713

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☑ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well is currently drilling at a depth of 9300'. Formations while drilling have been thicker than expected and therefore CTD, Inc. is requesting to drill to a revised TD of 9,800' (permitted TD is 9600') to reach the intended objective formation. No changes to the casing design are being requested other than setting the same casing 200' deeper and cement volumes will be adjusted according based on open-hole caliper logs. No additional changes to the previous drilling plan are being requested.

Verbal approval is requested while waiting on written approval.

COPY SENT TO OPERATOR
Date: 5·13·2010
Initials: KS

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis DATE 4/28/2010

(This space for State use only) APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4/29/10
BY:

RECEIVED
APR 28 2010
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

CTD, INC.
3355 North Five Mile Road, #334
Boise, Idaho 83713-3925
(208) 376-7686

April 28, 2010

TO: Helen Sadik-Macdonald

FROM: Carol Davis
CTD, Inc.

Pages including this one: 2

Helen:

Here is the signed Sundry Notice.

Thanks for all your help.

Carol

Helen Sadik-Macdonald - Re: Sundry Submittal McKinnon 33-32-11-7

From: Helen Sadik-Macdonald (Helen Sadik-Macdonald)
To: Davis, Carol
Date: 4/28/2010 3:09 PM
Subject: Re: Sundry Submittal McKinnon 33-32-11-7
CC: Dustin Doucet

Yes, sign and fax. 801-359-3940. To my attn., please. I have given you a verbal OK. hsm

Helen Sadik-Macdonald, CPG
Engineering Geologist
Utah Div. of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801

801/538-5357 Desk
801/359-3940 Fax

>>> On 4/28/2010 at 2:29 PM, in message <004e01cae711$781e4370$685aca50$@com>, "Carol Davis" <carol@landrecordsresearch.com> wrote:

> Helen:
>
> Hopefully, this takes care of what you need.
>
> I don't know if my signature is on file to submit sundry notices electronically. Will it suffice to sign this notice and fax it to your fax number?
>
> Thanks for your help.
>
> Carol Davis
> CTD, Inc.

Helen Sadik-Macdonald - Re: Sundry Submittal McKinnon 33-32-11-7

From: Helen Sadik-Macdonald (Helen Sadik-Macdonald)
To: Davis, Carol
Date: 4/28/2010 12:21 PM
Subject: Re: Sundry Submittal McKinnon 33-32-11-7
CC: Dustin Doucet; Russell, Earlene

Carol,
I've left you a voice mail. Yes, we can give you a verbal OK to drill 200' deeper. Please alter the sundry accordingly with the information that will be changing. You may not be set up to submit sundry notices electronically (we are going paperless), but your signature would be on file if you went through the process. We will need a signed copy faxed if you not set up to submit through e-permit.
A bonding issue comes into play as the well approaches 10,000 feet. I mentioned this in my phone message. You will need to talk with Earlene Russell for further information, 801.538.5336.
Regards,

Helen Sadik-Macdonald, CPG
Engineering Geologist
Utah Div. of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801

801/538-5357 Desk
801/359-3940 Fax

>>> On 4/28/2010 at 9:16 AM, in message <002001cae6e5$d8158a30$88409e90$@com>, "Carol Davis" <carol@landrecordsresearch.com> wrote:

> Helen:
>
> Attached is a Sundry Notice and Report on Wells for the above referenced well in Rich County, UT. We would like to get a verbal to drill deeper as noted on the sundry. Also, will my electronic signature be sufficient or do I need to mail the notice in?
>
> Thanks for your assistance in getting this processed.
>
> Best Regards,
> Carol Davis
> CTD, Inc.
> 208-376-7686

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: CTD, Inc.

9. API NUMBER: 4301931416 ~~4303330071~~

3. ADDRESS OF OPERATOR: 3355 N. Five Mile Rd CITY Boise STATE ID ZIP 83713

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

March monthly activitiy report.

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis Digitally signed by Carol Davis DN: cn=Carol Davis, o=CTD Inc, ou, email=carol@kindrecordsresearch.com, c=US Date: 2010.04.07 21:54:36 -06'00' Carol Davis DATE 4/8/2010

(This space for State use only)

RECEIVED
MAY 10 2010
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

CTD, Inc.

Well Summary Report

McKinnon 33-32-11-7 4/27/2010 06:00 - 4/28/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Slip & cut 120' of drilling line. - 1.5, TIH free to 8607' with Bit #10. Fill pipe at 4788'. - 4, Wash and ream 7 jts to bottom. (Laid down 7 DC's on trip due to weight/drag considerations). - 1.5, Steerable drill 8805' to 8969'. (164' @ 9.7 fph, WOB 20k/60k, RPM 60/60, GPM 440, Slide 32%) - 17

McKinnon 33-32-11-7 4/28/2010 06:00 - 4/29/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Steerable drill 8969' to 9052'. (83' @ 15.1 fph, WOB 25k/50k, RPM 60/60, GPM 440, Slide 13%) - 5.5, Rig service. - 0.5, Rotary drill 9052' to 9185'. (133' @ 16.6 fph, WOB, 25k, RPM 60/60, GPM 440, Slide 0%) - 8, Circulate samples up. - 1, Rotary drill 9185' to 9190'. - 0.5, Circulate samples up. - 1.5, Rotary drill 9190' to 9195'. - 0.5, Circulate samples up. - 0.5, Rotary drill 9195' to 9200'. - 0.5, Circulate samples up. - 1.5, Attempt 5 stand wiper trip. Low drum clutch slipping badly. - 1, Repair low air supply problem to low drum clutch. - 1.5, Wiper trip to 8740'. - 0.5, Repair rig. Work on air supply to drum clutch. - 1

McKinnon 33-32-11-7 4/29/2010 06:00 - 4/30/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Rig repair. Work on drum clutch. - 6.5, Conduct wiper trip up to 8590', RIH free to bottom. - 1, Circulate and condition, Rig up laydown machine, Spot 2 ppb Lubri-Glide beads in annulus from TD to 9-5/8" casing shoe, Pump weighted slug. - 2, Conduct safety meeting with rig crew and laydown crew, Lay down 271 jts of 4-1/2" drill pipe. - 9.5, Break kelly. (to change out swivel prior to pick up BHA) - 1, Lay down 6-1'4" DC's and directional tools. - 2.5, Change from 4-1/2" pipe rams to 5" pipe rams. - 1.5

McKinnon 33-32-11-7 4/30/2010 06:00 - 5/1/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Change from 4-1/2" to 5" pipe rams. - 4, Pull wear bushing. - 0.5, Change kelly swivel. - 1.5, Rig up IPS pressure testers. - 0.5, Pressure test swivel and kelly connections to 3000 psi for 10 minutes. - 1, Attempt to pressure test 5" pipe rams. Swap pipe rams from lower gate to upper gate to clear xo sub. - 3, Pressure test 5" pipe rams, blind rams, TIW valve and inner choke valves to 5000 psi for 10 minutes. - 1.5, Install wear bushing. - 0.5, Pick up coring tools. Set spacing on inner core bbl assembly and check circulating pressure through tools. Remove inner core bbl assembly and install inner drill rod assembly, set spacing and check circulating pressure through assembly. Pick up 83 jts 5" drill pipe. - 9, Work stuck pipe at 2875'. (131' into Nugget fm) - 1, L/D 1 joint, P/U kelly and install rotating head element. Wash and ream through tight spot. - 1.5

McKinnon 33-32-11-7 5/1/2010 06:00 - 5/2/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down from 2934' to 3124' - 3, Rig down Rocky Mtn laydown machine. - 1, Wash and ream core barrel down 3124' to 4389'. TIH in free 4180' to 4370'. (190') - 9.5, Rig service. Work on hydraulics to pipe spinners and kelly spinner. - 0.5, Wash and ream core barrel down from 4389' to 5760'. TIH 4435' to 4530' (90'); 4726' to 4882' (156'); 4975' to 5100' (125'); 5224' to 5620' (396'). - 10

McKinnon 33-32-11-7 5/2/2010 06:00 - 5/3/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down from 5760' to 6389'. - 4, Replace rotating head element. - 0.5, Rig service. Pick up "new" pipe spinners. - 0.5, Wash and ream core barrel down 6389' to 7379'. Continue using spinning chain on connections. - 6, Pick up singles and TIH free 7379' to 7874'. - 1, Wash and ream core barrel down 7874' to 8582'. - 4.5, Work stuck pipe free at 8582'. Allow brakes to cool f/15 min after freeing pipe. - 1, Wash and ream core barrel down 8582' to 8935'. - 6.5

McKinnon 33-32-11-7 5/3/2010 06:00 - 5/4/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down 8935' to 8966'. - 0.5, Rig service. Repair broken rotary drive chain. - 0.5, Rig repair. Repair broken rotary drive chain. - 0.5, Wash and ream core barrel down 8966' to 9031'. - 1.5, Rig repair. Repair broken compound chain. - 1.5, Wash and ream core barrel down 9031' to 9200'. - 3, Circulate bottoms up for samples and gas. No gas detected. - 1.5, Rotary drill 9200' to 9201'. - 0.5, R/U Kodiak wireline and retrieve drill rod with PDC insert from core barrel. - 2.5, Cut Core #1 9201' to 9212'. (11' @ 1.7 fph, WOB 8k to 14k, RPM 65, GPM 250) - 6.5, Core barrel jammed, retrieve inner barrel with wireline. - 2, L/D jammed barrel, drop and pump down fresh inner barrel. Retrieved 1' of core with <1' of debris on top of core. The 1' piece was jammed in the core catcher. - 1.5, Cut Core #2 9212' to 9213'. Core barrel jammed. - 1, Retrieve inner barrel #2 via wireline. (not at surface at report time) - 1

McKinnon 33-32-11-7 5/4/2010 06:00 - 5/5/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Retrieve core #2 w/wireline. Recovered 0' of 1' cut. - 1.5, Run drill rod with PDC insert. - 2, Drill 9213' to 9216'. Ream cored hole. (actual drill rate 4 fph) - 1.5, Retrieve drill rod. - 1.5, Drop and pump down new inner barrel #3. - 1, Cut Core #3, 9216' to 9219'. Core barrel jammed. - 1, Retrieve Core #3. Recovered 1.6' of 3' cut. - 2.5, Pump down inner barrel #4. - 1.5, Cut Core #4, 9219' to 9234'. (15' @ 3 fph, WOB 13k, RPM 65, GPM 250), Core barrel jammed. - 5, Retrieve Core #4. Recovered 5.75' of 15' cut. - 2, Drop and pump down inner barrel #5. - 0.5, Cut Core #5, 9234' to 9235'. Core barrel jammed. - 1, Retrieve Core #5. Recovered 1.6' of 1' cut. - 1.5, Drop and pump down inner barrel #6. - 1, Cut Core #6, 9235' to 9236'. - 0.5

McKinnon 33-32-11-7 5/5/2010 06:00 - 5/6/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		2,535.0	Drilling & Completion

Time Log Summary

Cut Core #6 from 9235' to 9241'. (6' @ 6 fph, WOB 10k, RPM 63, GPM 250) Core barrel jammed. - 1, Retrieve Core #6. Recovered .5' of 6.5' cut. - 3, Pump 30 bbl weighted slug and POOH free to BHA. - 6, Change core head, Check and reset spacing of inner barrel. Insert drill rod w/PDC insert and check spacing with new core head. - 1.5, TIH with BHA and 1 stand drill pipe. - 0.5, P/U kelly and pump through coring assembly. Record benchmark pressure drop through tools. - 0.5, TIH to 2481'. - 2, Slip and cut 120' of drilling line. - 1.5, Change kelly spinner. - 1.5, TIH to 4730'. Break circulation and record pressure. - 2.5, TIH to 9113'. - 2, Install rotating head. Break down 1 stand. - 1, Precautionary wash and ream to bottom. Circulate bottoms up. - 1

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: CTD, Inc.

9. API NUMBER: ~~4301931416~~ 43033900 71

3. ADDRESS OF OPERATOR: 3355 N. Five Mile Rd CITY Boise STATE ID ZIP 83713

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

May monthly activity report.

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis DATE 6/7/2010

(This space for State use only)

RECEIVED
JUN 09 2010
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

CTD, Inc.

Well Summary Report

McKinnon 33-32-11-7 5/1/2010 06:00 - 5/2/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down from 2934' to 3124' - 3, Rig down Rocky Mtn laydown machine. - 1, Wash and ream core barrel down 3124' to 4389'. TIH in free 4180' to 4370'. (190') - 9.5, Rig service. Work on hydraulics to pipe spinners and kelly spinner. - 0.5, Wash and ream core barrel down from 4389' to 5760'. TIH 4435' to 4530' (90'); 4726' to 4882' (156'); 4975' to 5100' (125'); 5224' to 5620' (396'). - 10

McKinnon 33-32-11-7 5/2/2010 06:00 - 5/3/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down from 5760' to 6389'. - 4, Replace rotating head element. - 0.5, Rig service. Pick up "new" pipe spinners. - 0.5, Wash and ream core barrel down 6389' to 7379'. Continue using spinning chain on connections. - 6, Pick up singles and TIH free 7379' to 7874'. - 1, Wash and ream core barrel down 7874' to 8582'. - 4.5, Work stuck pipe free at 8582'. Allow brakes to cool f/15 min after freeing pipe. - 1, Wash and ream core barrel down 8582' to 8935'. - 6.5

McKinnon 33-32-11-7 5/3/2010 06:00 - 5/4/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Wash and ream core barrel down 8935' to 8966'. - 0.5, Rig service. Repair broken rotary drive chain. - 0.5, Rig repair. Repair broken rotary drive chain. - 0.5, Wash and ream core barrel down 8966' to 9031'. - 1.5, Rig repair. Repair broken compound chain. - 1.5, Wash and ream core barrel down 9031' to 9200'. - 3, Circulate bottoms up for samples and gas. No gas detected. - 1.5, Rotary drill 9200' to 9201'. - 0.5, R/U Kodiak wireline and retrieve drill rod with PDC insert from core barrel. - 2.5, Cut Core #1 9201' to 9212'. (11' @ 1.7 fph, WOB 8k to 14k, RPM 65, GPM 250) - 6.5, Core barrel jammed, retrieve inner barrel with wireline. - 2, L/D jammed barrel, drop and pump down fresh inner barrel. Retrieved 1' of core with <1' of debris on top of core. The 1' piece was jammed in the core catcher. - 1.5, Cut Core #2 9212' to 9213'. Core barrel jammed. - 1, Retrieve inner barrel #2 via wireline. (not at surface at report time) - 1

McKinnon 33-32-11-7 5/4/2010 06:00 - 5/5/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Retrieve core #2 w/wireline. Recovered 0' of 1' cut. - 1.5, Run drill rod with PDC insert. - 2, Drill 9213' to 9216'. Ream cored hole. (actual drill rate 4 fph) - 1.5, Retrieve drill rod. - 1.5, Drop and pump down new inner barrel #3. - 1, Cut Core #3, 9216' to 9219'. Core barrel jammed. - 1, Retrieve Core #3. Recovered 1.6' of 3' cut. - 2.5, Pump down inner barrel #4. - 1.5, Cut Core #4, 9219' to 9234'. (15' @ 3 fph, WOB 13k, RPM 65, GPM 250), Core barrel jammed. - 5, Retrieve Core #4. Recovered 5.75' of 15' cut. - 2, Drop and pump down inner barrel #5. - 0.5, Cut Core #5, 9234' to 9235'. Core barrel jammed. - 1, Retrieve Core #5. Recovered 1.6' of 1' cut. - 1.5, Drop and pump down inner barrel #6. - 1, Cut Core #6, 9235' to 9236'. - 0.5

McKinnon 33-32-11-7 5/5/2010 06:00 - 5/6/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Cut Core #6 from 9235' to 9241'. (6' @ 6 fph, WOB 10k, RPM 63, GPM 250) Core barrel jammed. - 1, Retrieve Core #6. Recovered .5' of 6.5' cut. - 3, Pump 30 bbl weighted slug and POOH free to BHA. - 6, Change core head, Check and reset spacing of inner barrel. Insert drill rod w/PDC insert and check spacing with new core head. - 1.5, TIH with BHA and 1 stand drill pipe. - 0.5, P/U kelly and pump through coring assembly. Record benchmark pressure drop through tools. - 0.5, TIH to 2481'. - 2, Slip and cut 120' of drilling line. - 1.5, Change kelly spinner. - 1.5, TIH to 4730'. Break circulation and record pressure. - 2.5, TIH to 9113'. - 2, Install rotating head. Break down 1 stand. - 1, Precautionary wash and ream to bottom. Circulate bottoms up. - 1

McKinnon 33-32-11-7 5/6/2010 06:00 - 5/7/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Circulate bottoms up. - 1, Retrieve drill rod/PDC insert with wireline. - 1.5, Drop inner core barrel #7. Pump down at 50 spm. - 1.5, Rig repair. Work on Pason. - 1, Cut Core #7, 9241' to 9246'. (5' @ 3.3 fph, WOB 10k to 16k, RPM 65, GPM 250) - 1.5, Retrieve Core #7. Cut 5', Recovered 5.5'. - 2, Drop and pump down inner core barrel #8. - 0.5, Cut Core #8, 9246' to 9249'. (3' @ 2 fph, WOB 10k to 16k, RPM 65, GPM 250) - 1.5, Retrieve Core #8. Cut 3', Retrieved 3.6'. - 2, Rig service. Drop and pump down inner core barrel #9 during rig service. - 0.5, Cut Core #9, 9249' to 9255'. (6' @ 1.2 fph, WOB 16k, RPM 65, GPM 250) Cease coring due to broken rotary chain. - 5, Retrieve Core #9. Cut 6', Recovered 4.6'. - 2, Rig repair. Replace rotary chain. Drop and pump down inner core barrel #10 while repairing rig. - 4

CTD, Inc.

Well Summary Report

McKinnon 33-32-11-7 5/7/2010 06:00 - 5/8/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Rig repair. Replace drawworks rotary chain. - 1.5, Cut Core #10, 9255' to 9257'. (2' @ 4 fph, WOB 12k, RPM 62, GPM 250) Core barrel jammed and unseated. - 0.5, Retrieve Core #10. Cut 2' Recovered 1.8'. - 2, Drop and pump down inner barrel #11. - 1, Cut Core #11, 9257' to 9287'. (30' @ 8.6 fph, WOB 20k, RPM 62, GPM 290) Core barrel jammed and unseated. - 3.5, Retrieve Core #11. Cut 30', Recovered 27.5'. - 2.5, Drop and pump down inner barrel #12. - 0.5, Cut Core #12, 9287' to 9291'. (4' @ 4 fph, WOB 22k, RPM 60, GPM 290) Core barrel jammed and unseated. - 1, Retrieve Core #12, Cut 4', Recovered 4.2'. - 1.5, Drop and pump down inner barrel #13. - 1, Cut Core #13, 9291' to 9301'. (10' @ 5 fph, WOB 20k, RPM 65, GPM 290) Core barrel jammed and unseated. - 2, Retrieve Core #13. Cut 10', Recovered 6.4'. - 2, Drop and pump down inner barrel #14. - 0.5, Cut Core #14, 9301' to 9307'. (6' @ 3 fph, WOB 20k, RPM 65, GPM 290) Core barrel jammed and unseated. - 2, Retrieve Core #14. Cut 6', Recovered 2'. - 2

McKinnon 33-32-11-7 5/8/2010 06:00 - 5/9/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Drop and pump down inner barrel #15. - 0.5, Cut Core #15, 9307' to 9319'. (12' @ 6 fph, WOB 20k, RPM 80, GPM 310) Core barrel jammed and unseated. - 2, Retrieve Core #15. Cut 12', Recovered 5.5'. - 2.5, Drop and pump down inner barrel #16. - 1, Cut Core #16, 9319' to 9329'. (10' @ 2.5 fph, WOB 18k, RPM 80, GPM 310) Core barrel jammed and unseated. - 4, Retrieve Core #16. Cut 10', Recovered 2.1'. - 1.5, Rig service. Drop and pump down inner barrel #17. - 0.5, Pump down inner barrel #17. - 0.5, Cut Core #17, 9329' to 9336'. (7' @ 3.5 fph, WOB 17k, RPM 65, GPM 260) Core barrel jammed and unseated. - 2, Retrieve Core #17. Cut 7', Recovered 6.5'. - 2, Break down pup jts and pick up single of drill pipe. Drop inner barrel #18. - 0.5, Pump down inner barrel #18. - 0.5, Cut Core #18, 9336' to 9344'. (8' @5.3 fph, WOB 15k, RPM 70, GPM 260) Core barrel jammed and unseated. - 1.5, Retrieve Core #18. Cut 8', Recovered 4.6'. - 2, Drop and pump down inner barrel #19. - 0.5, Cut Core #19, 9344' to 9351'. (7' @ 3.5 fph, WOB 17k to 20k, RPM 65, GPM 260) Core barrel jammed and unseated. - 2, Retrieve Core # 19. - 0.5

McKinnon 33-32-11-7 5/9/2010 06:00 - 5/10/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

RETRIEVE CORE #19 CUT 6' RECOVERED 4.6 ' - 2, DROP AND PUMP DN INNER BARREL - 0.5, CORE # 20 F/ 9351 TO 9365' (14' IN 4 HR = 3.5 FPH) 19K, 60 RPM 300 GPM. - 4, RETRIEVE CORE #20 CUT 14' RECOVERED 6' - 2, DROP INNER BARREL AND PUMP DN - 0.5, CORE #21 9365' TO 9370' (5' @ 2 FPH) 15K 60 RPM 300G PM. - 2.5, RETRIEVE CORE #21 CUT 5' RETRIEVED 3.4' - 2, DROP INNER BARREL AND PUMP DN - 0.5, CORE #22 9370 TO 9372 13 K 60 RPM 276 GPM - 0.5, RETRIEVE CORE #22 CUT 2' RETRIEVE .3' - 1.5, WIRE LINE IN DRILL ROD - 2, DRLG F/ 9372' TO 9375' @ 6 FPH, 15 K 55 RPM 331 GPM - 0.5, RETRIEVE DRILL ROD, DROP INNER BARREL AND SEAT - 2, CORE #23 CORE F/9375' TO 9390' (15' IN 3.5 HR = 4.3 FPH) 19K 55 RPM 295 GPM - 3.5

McKinnon 33-32-11-7 5/10/2010 06:00 - 5/11/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

CORE #23 F/ 9390 to 9405' (15' in 2 hr = 7.5 fph) 19K 55 RPM 295 GPM. - 2, TRY TO RETIEVE CORE WOULD NOT LATCH THE FIRST TIME. CUT 30' RETRIEVE 10.4'. - 3.5, WOO. GEOLOGY - 1.5, TOOH, L/D DCS, CORE BARREL, P/U BIT, MM, DCS, TIH. - 12, DRLG F/ 9405' TO0 9462' (57' IN 5 HR = 11.4 FPH) - 5

McKinnon 33-32-11-7 5/11/2010 06:00 - 5/12/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

DRLG F/ 9462' TO 9488' @ 26 FPH - 1, RIG SERVICE - 0.5, DRLG F/ 9488' TO - 14.5, CIRC. COND F/ LOGS - 1, S TRIP 15 STDS - 1.5, CIRC. F/ LOGS - 1, TOOHF/ LOGS - 4.5

McKinnon 33-32-11-7 5/12/2010 06:00 - 5/13/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

TOOH, SLM 9655.05'. BOARD 9654' - 2, HSM, RIG UP SCHLUMBERGER AND LOG. GOT TO BOTTOM @12:00 NOON.RUN TRIPLE COMBO F/ 9650' TO SURFACE CASING, CALIPER WOULD NOT READ. ON BOTTOM W/ #2 LOG @ 18:00 HR. RUN ECS CMR F/ 9650 TO 8400, CALIPER DESITY TO SURFACE CASING. ON BOTTOM W/ #3 LOG @ 3:00. RUN FMI F/ 9650' TO 8400'. - 22

McKinnon 33-32-11-7 5/13/2010 06:00 - 5/14/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

LOG #3 LATERAL LOG ON BOTTOM @ 7:00. LOG #4 SONIC SCANER ON BOTTOM 15:00. - 14, PULLWEAR BUSHING - 0.5, TIH - 7, CIRC. HSM, RIG UP FRANKS WESTATES L/D TRUCK - 1.5, LDDP - 1

McKinnon 33-32-11-7 5/14/2010 06:00 - 5/15/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

LDDP - 7, BREAK KELLY AND REMOVE KELLY SPINNERS - 1, LDDP, AND DCS - 2.5, RIG UP FRANKS WESTATES, HSM, AND RUN CASING. - 2.5, PUT DOG NUT BACK ON DRLG LINE - 0.5, CONTINUE RUNNING CASING. FS (1.25'), SHOE JT. (43.57'), FC (1.00'), 218 JTS 5.5" P110 20# LT&C CASING (9608.5'). LANDED @ 9651' MADE UP W/ BESTOLIFE DOPE TO 5690 FT/LB. - 5.5, CIRC. W/ RIG PUMP - 1, HSM SWAP TO HES AND CEMENT. 5 BLS H2O, 20 BLS MUD FLUSH, 10 BLS H2O, 975 SKS EXTENDACEM RS1 11.5# 2.63 YEILD W/ .7% HR-7, .3% D-AIR 3000, .125 LB/SK POLY-FLAKE. TAILED W/ 225 SKS ECONOCEM RS1 13.5# 1.48 YEILD W/ 1% BENTONITE, .2% HR-5. DISPLACED W/ 213 BLS CLAY FIX H2O. BUMP PLUG. FLOATS HELD. GOOD RETURNS. GOT WATER SPACER TO SURFACE. - 2.5, NIPPLE DN, SET SLIPS W/ 200K - 1.5

McKinnon 33-32-11-7 5/15/2010 06:00 - 5/16/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

CHANGE PIPE RAMS, CLEAN MUD TANKS, LOAD OUT CORING DP, LOAD OUT CENTRAFUGES, SET BACK BOPS PUT ON NIGHT CAP. RIG RELEASE 18:00 HR 5/15/10 - 12

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER ____

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: CTD, Inc.

9. API NUMBER: 430~~1931416~~ 033-30071

3. ADDRESS OF OPERATOR: 3355 N. Five Mile Rd CITY Boise STATE ID ZIP 83713

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
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☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Monthly Drilling Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No June activity to report.

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis DATE July 13, 2010

(This space for State use only)

RECEIVED
JUL 19 2010
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/1/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N3605-CTD, Inc.	N2165-Bill Barrett Corporation
3355 N Five Mile Rd, Suite 334	1099 18th St, Suite 2300
Boise, ID 83713-3925	Denver, CO 80202
Phone: 1 (303) 893-5073	Phone: 1 (303) 312-8134

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
CIRCLE 7 RANCH 1-22	22	110N	070E	4303330069		Fee	GW	APD	C
HOFFMAN 1-28	28	110N	070E	4303330070		Fee	GW	APD	C
MCKINNON 33-32-11-7	32	110N	070E	4303330071	17540	Fee	GW	DRL	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/2/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/2/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/7/2010
4a. Is the new operator registered in the State of Utah: Business Number: 5239043-0143
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 8/12/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 8/12/2010
3. Bond information entered in RBDMS on: 8/12/2010
4. Fee/State wells attached to bond in RBDMS on: 8/12/2010
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 8/12/2010

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number:
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM4138148
3b. The **FORMER** operator has requested a release of liability from their bond on: 7/29/2010

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/12/2010

COMMENTS:

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: Bill Barrett Corporation N3165

9. API NUMBER: 4303330071

3. ADDRESS OF OPERATOR: 1099 18th St, Suite 230 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 312-8134

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2566' FSL, 2568' FEL

COUNTY: Rich

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

STATE: UTAH

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	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BILL BARRETT CORPORATION IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE ABOVE-MENTIONED WELL WILL BE OPERATED BY BILL BARRETT CORPORATION (BOND # LPM 4138148) EFFECTIVE 8/1/2010. PLEASE REFER ALL FUTURE CORRESPONDENCE TO TRACEY FALLANG AT THE FOLLOWING ADDRESS:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202
(303) 312-8134
(303) 291-0420 fax

Carol T. Davis — Name (Please Print)

President — (Title)

CTD, Inc. (Operator N3605)
3355 N. Five Mile Rd, Boise, ID 83713 N3605

Carol T. Davis — Signature

July 29, 2010 — (Date)

NAME (PLEASE PRINT) Tracey Fallang

TITLE Regulatory Manager

SIGNATURE Tracey Fallang — Digitally signed by Tracey Fallang, DN: cn=Tracey Fallang, o=Bill Barrett Corporation, ou, email=tfallang@billbarrettcorp.com, c=US, Date: 2010.07.29 07:11:46 -06'00'

DATE 7/29/2010

(This space for State use only)

APPROVED 8/2/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 02 2010
DIV. OF OIL, GAS & MINING

(5/2000)

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
MCKINNON 33-32-11-7

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43033300710000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY:
RICH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 7/31/2010	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No July activity, waiting on completion.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 26, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Analyst
SIGNATURE		**DATE**
N/A		8/25/2010

RECEIVED August 25, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
MCKINNON 33-32-11-7

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43033300710000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

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FOOTAGES AT SURFACE:
2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY:
RICH

STATE:
UTAH

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☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 8/31/2010	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No August monthly activity, waiting on completion.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 08, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Analyst
SIGNATURE		**DATE**
N/A		9/8/2010

RECEIVED September 08, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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PHONE NUMBER: 303 312-8164 Ext

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FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 9/30/2010	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
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No September monthly activity, waiting on completion.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 05, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Analyst
SIGNATURE N/A		**DATE** 10/4/2010

RECEIVED October 04, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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✓ NOTICE OF INTENT Approximate date work will start: 10/12/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is being submitted to request that this well be designated as a wildcat well under the provisions of R649-3-35. This well is not located within a federal unit and is under statewide spacing. The well was spud with conductor pipe on 3/22/10, drilled and completion operations will be initiated the week of 10/11/10. BBC requests a tentative determination of wildcat designation and additional information will be provided upon well completion. This well is under confidential status.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 18, 2010

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Analyst
SIGNATURE N/A		**DATE** 10/6/2010

RECEIVED October 06, 2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43033300710000

1. See attached Statement of Basis. 2. This is a preliminary determination. Upon final completion, the operator should apply to the Division for final approval in accordance with R649-3-35.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 18, 2010

By:

DIVISION OF OIL, GAS AND MINING

Preliminary Wildcat Well Determination

STATEMENT OF BASIS

Applicant: Bill Barrett Corporation

Location: NWSE Sec. 32 T11N, R7E ,S.L.M., Rich County, Utah

WELL NAME: McKinnon 33-32-11-7 **API #:** 43-033-30071

FINDINGS

1. The subject well was spud on March 11, 2010. Total depth was reached on May 11, 2010. The well is still awaiting completion.
2. Operator is requesting Wildcat Well Determination based on potential in Phosphoria formation.
3. No known production exists within the 1-mile radius.
4. One well ± 4500' west of this location was drilled to 15,400' MD, tested in the Nugget, Phosphoria and Mississippian formations and subsequently plugged without ever producing (see attachment A).

CONCLUSIONS

Based on the findings above the Division has determined the McKinnon 33-32-11-7 well is planned to be drilled into an unknown area for all formations. Therefore, should the well be productive and is completed prior to any other well in the area, the well should qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. Upon final completion, the operator should apply to the division for a final determination. This preliminary determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35.

Reviewer(s): Helen Sadik-Macdonald Date: 10/14/2010

Dustin K. Doucet DKD Date: 10/18/2010

Approved by the Utah Division of Oil, Gas and Mining

Date: October 18, 2010

By:

ATTACHMENT A

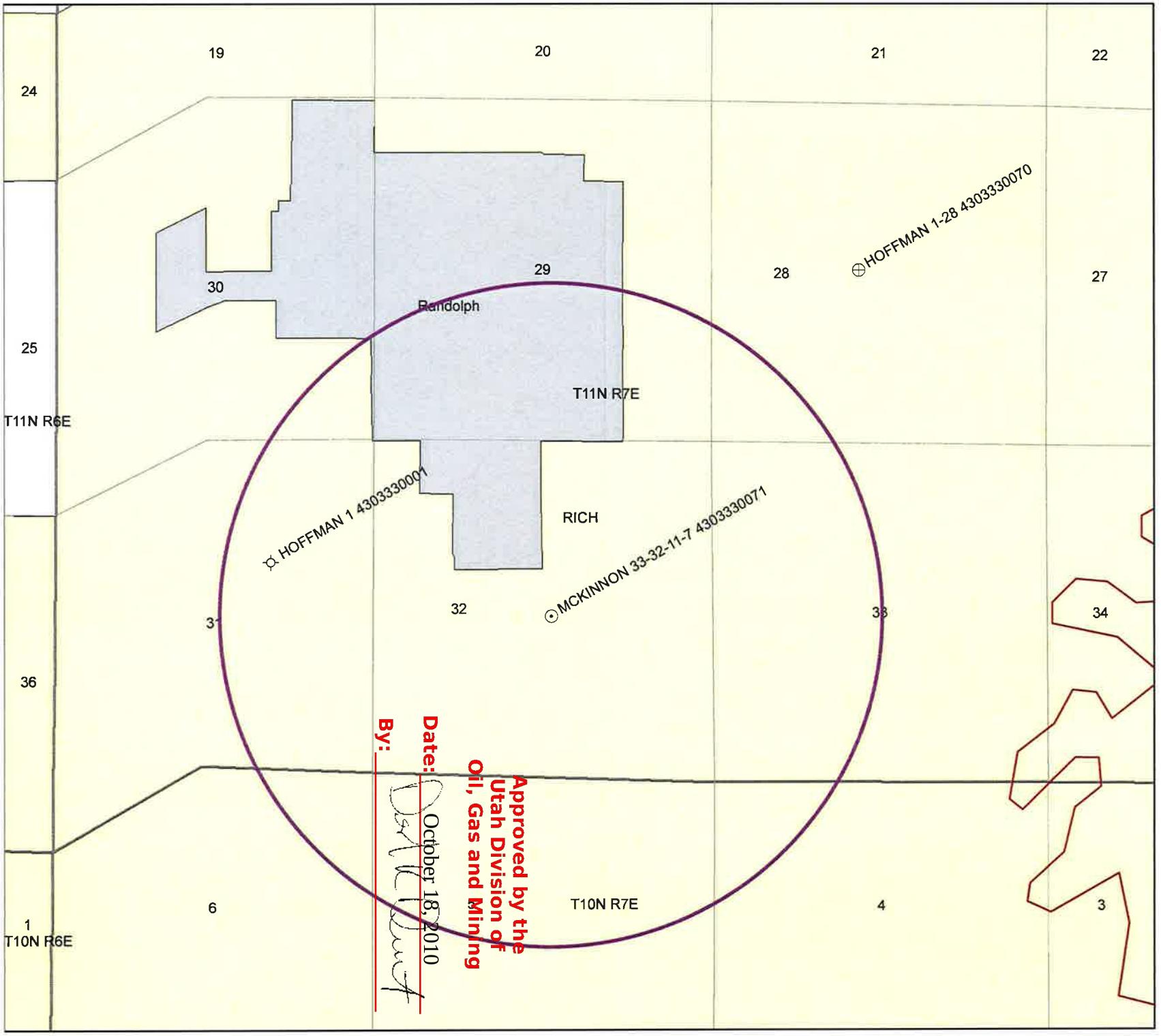
1 Mile Area Of Review

API	Well Name	Well Status	qtr_qtr	Sectio	Towns	Range	cum_oil	cum_gas	field_type_flag	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4303330071	McKinnon 33-32-11-7	DRL	NWSE	32	11 N	07 E	NA	NA	W	0	3/11/2010	5/11/2010	NA	Phosphoria (Proposed)
4303330001	Hoffman 1	PA	NENE	32	11 N	07 E	NA	NA	W	4553	8/26/1976	2/8/1977	NA	Madison (APD Proposed)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 18, 2010

By: Dustin K Doucet



Bill Barrett Corp.
Wildcat
Status Review

1-Mile Radius

Oil_Gas Fields
- <all other values>

FIELDS_, STATUS
- 0, ABANDONED
- 0, STORAGE
- 0, TERMINATED
- 0, INACTIVE
- 0, COMBINED
- 0, ACTIVE
- <all other values>
- County Bndry
- Municipal Bndry

Land owner
- Federal

OWNER
- Private
- State
- Tribal

Export_Output
- <all other values>

STATUS
- APD
- DRL
- GIW
- GSW
- LA
- LOC
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WDW
- WIW
- WSW

GRRV prod

WSTC prod

Miles
0 0.1 0.2 0.4

★ Vicinity of Map

N

UTAH DNR
OIL, GAS & MINING

10/13/2010hsm

R649-3-35

1.2.1 See attached plat map.

There are no wells which produce from the Phosphoria Formation within a one-mile radius of the McKinnon #33-32 well. There are no producing wells within 10 miles of this well. The Hoffman #1 well was drilled in 1977 by American Quasar Petroleum and was a dry hole.

1.2.2 At this time, there are no wells which produce from the Phosphoria Formation.

1.2.3 See attached cross section

1.2.4 The McKinnon #33-32 well is not in a known geologic structure.

1.2.5 The reservoir pressure is unkown at this time. We expect the Phosphoria Formation to be normally to perhaps slightly overpressured. We will attempt to measure the reservoir pressure during this proposed completion attempt.

RECEIVED October 06, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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8. WELL NAME and NUMBER:
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2. NAME OF OPERATOR:
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OCTOBER 2010 MONTHLY ACTIVITY REPORT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 08, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE		**DATE**
N/A		11/4/2010

RECEIVED November 04, 2010

Bill Barrett Corporation

McKinnon 33-32-11-7 10/15/2010 06:00 - 10/16/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Operations SDFN. - 1, WSI. All frac fluid is on location. SWS sand chief is spotted, and frac sand was hauled in today. Manlift was delivered for work on frac tree. Wellhead heater was RU, for W/L work in AM. RD fresh water tanks at water well, and moved tanks to location; for flow back storage. Operations SDFN. - 10, WSI. Operations SDFN. - 13

McKinnon 33-32-11-7 10/16/2010 06:00 - 10/17/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Safety meeting with contractors on location. Discuss operations for today. - 1, MIRU Pure Energy W/L, and IPS (Double Jack). ND night cap. NU adapter flange. Build lubricator, and gun assembly. Greywolf finished RU hardline to frac tree. Psi test lubricator to 5000#, with methanol. Bleed off. - 3, RIH with 3-3/8" guns loaded 6 spf, 25 gm, 60*, 0.43 EH. Correlate to SWS PE Triple Combo AIT-TLD-HGNS-GR (5-12-2010), and PE RCBL/CCL/GR/VDL (9-18-2010). Had to pull CCL correlation strip over 8800' - 9200'; no marker joint in well. Perforate Stage #1, in 6 intervals; of Mead Peak Shale. 9345' - 47', 9328' - 30', 9311' - 13', 9271' - 73', 9254' - 56', 9237' - 39'), 72 holes. POOH. No psi increase. - 2, No psi on casing. LD guns. All shot fired correctly. LD lubricator. ND W/L BOPE, and adapter flange, and NU night cap. Load out equipment. Move W/L off location. - 1, Psi test all Greywolf equipment to 9000#, 15 minute high, and 250# 5 minute low. Test was not charted. Chart recorder was not working properly. Pump 60 gallon freeze blanket in casing. Psi casing up to 1650#. SWI. RD IPS. Move off location. - 2, MIRU Legend frac heater. Start heating frac tanks. - 15

McKinnon 33-32-11-7 10/17/2010 06:00 - 10/18/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. Legend Services frac heater finished heating frac fluid. All 20- 500 bbl frac tanks are filled w/ 3% KCL, heated to 90*, with biocide. RD, and moved off location. Finished hauling frac sand to location. - 10, WSI. Operations SDFN. Will RU SWS frac equipment, mid-morning, tomorrow. - 14

McKinnon 33-32-11-7 10/18/2010 06:00 - 10/19/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 150#. SWS Worland frac crew taveled to location. - 6.5, MI, spot, and RU suction manifold back side, Pre-gel, and blender w/ chemical and acid transports. Spot in, and RU 8 pump trucks with no psi missle. ND night cap off frac tree, and NU adapter flange. Tie in 2- 4" hard lines. Bleed off line was run, and psi transduicer off surface casing. Biocide was added to frac tanks. Fluid temperature average was 85*. Will finish with electronics in AM. SDFN. - 4.5, WSI. Operations SDFN. Crew tavel to Evanston. - 13

McKinnon 33-32-11-7 10/19/2010 06:00 - 10/20/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 120#. Finish RU electronics, and set up frac van. Service, and start equipment. - 1.75, Safety meeting with contractors on location. Discuss frac job, hazards, job assignments, safety response, and RD. Prime, and psi test equipment, to 9725#. Change out 2- 1" valves. - 0.5, Pump Slickwater B fluid frac, into Stage #1, of Mead Peak Shale. Broke well down @ 5.9 bpm, 4748#, with 7.5 bbls fluid. Pumped 4000 gallons of 20% HCL acid. Saw good acid action. Pumped 100 mesh sand stages as designed. Seen steady psi build with 20/40 sand. Added 840 gallon sweep stage after .5# 20/40 sand stage, but did not help enough. Flush was called with 150#/minute psi build. Well was flushed completely. ISIP- 6475#, 6789 + 207= 6996 BWTR. 1.10 frac gradient, Pumped 48985# 100 mesh sand in 4 sand stages (0.25#, 0.5#, 0.75#, 1.0#); and 67385# 20/40 Jordan Unimin sand in 3 sand stages (0.25#,0.50#, 0.75#). Frac was traced by Protechnics, and surface casing was monitored. - 2.5, Blow suction manifold, and pump lines dry. RD hardline off frac tree, and adapter flange. NU night cap. Continue rigging down frac equipment. Flow testers took over well. - 0.75, SWS continuing to RD, package, and moving equipment off location. Extra sand/sand chief will be moved in a few days. Install SPIDR.
11:30, SICP- 3450#, Equalize to flow back manifold, and open to Greywolf equipment. Trying to maintain 1-1.5 bbl/minute flow rate. Psi on steady decline. Stepped chokes as needed. As of 16:00, well open on a 48/64 choke. FCP was below 10#. Well died @ 24:00, and was SI. Drain lines, and tarp in well head. As of 04:00, SICP- Vacuum. 334.4 BWRAF, 6661.1 BWLTR. - 12.5, SICP- Vacuum. W/O CTU availability, or MIRU completion rig on Thursday, when available. - 6

McKinnon 33-32-11-7 10/20/2010 06:00 - 10/21/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Monitor well while waiting on CTU, and/or completion rig availability. Released Greywolf hands for day. - 4, Coil Tubing Unit was not available till late thursday. Consulted with Denver. Was decided to bring in completion rig in AM. Made arrangements with Uinta Well Service, order tubing, production tree, BOPE stack, BHA, and clean-out equipment. MSOS finished batching tank bottoms. Released 15 RFR frac tanks. - 8, WSI. Operations SDFN. - 12

McKinnon 33-32-11-7 10/21/2010 06:00 - 10/22/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Pulled SPIDR, and download. Crew travel to location. Service, and start rig. - 1, Safety meeting with contractors on location. Discuss operations for today. BBC policies. pinch points, communication, and spotting trucks. - 0.25, Finish moving in, spot, and RU Unita Well Service Rig #1. Pump, flat tank, were RU to well head. Set generator. Spot in catwalk, and racks. ND Quail frac tree. NU Quail 7-1/16 10M x 5M spool, 7-1/16 5M McEvoy double BOPE (2-7/8 pipe upper, and "CSO" blind rams lower), 7-1/16 5M Shafer annular. Function test. RU work floor, and tubing equipment. RFR started moving frac tanks to town. 1 light tower, and manlift were released. RU choke line to BOPE stack. - 10, WSI. Crew travel to Evanston. - 12.75

McKinnon 33-32-11-7 10/22/2010 06:00 - 10/23/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 0.75, Safety meeting with contractors on location. Discuss operations for today, hazards, pinch points, communication, and picking up tubing. - 0.25, RFR moved out frac tanks. Finish setting pipe racks. Unload 308 jts of 2-7/8 6.5# L-80 EUE 8rd tubing, off Bunning Transfer trucks. - 2, Prep tubing, caliper, tally, and drift BHA. Make-up BHA. Single/strap in hole with 4-5/8" 4 blade drag bit, Weatherford expendable bit sub with string float, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go, 1 jt 2-7/8, 2.313 "X", and 297 jts of 2-7/8 tubing. Loaded tubing with 3% KCL, and pumped thru bit sub every 3000'. - 7, LD kelly jt #299. Load tubing with 3% KCL, and break circulation. TOOH with 4 stands, and TIH with 1 stand. Drain pump, lines, and flowback equipment. Secure tubing. 292 jts in hole with EOT @ 9235'. Spot in Weatherford foam equipment. - 1.5, WSI. Operations SDFN. Crew travel to Evanston. - 12.5

McKinnon 33-32-11-7 10/23/2010 06:00 - 10/24/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 0.75, Safety meeting with contractors on location. Discuss operations for today, hazards, pinch points, communication, and washing sand. - 0.25, TIH with 3 stands. PU, and RU Bowen S-3.5 power swivel. Kelly up with jt #299. - 1, Attepmt to break circulation. New packing on power swivel is leaking. Bad internal o-ring on wash pipe cap. Replace. - 2, Break circulation with 3% KCL @ 2.5 bpm. Losing about 1/2 bpm. 400# pump psi. Wash from 9456' - 9603'. Jt #303. Circulate bottoms up+. MSOS is hauling flow back, to disposal. No signs of gas. Pumped 571 bbls for clean-out, and recovered 453 bbls. RD, and load out power swivel. - 3.75, LD 15 jts of 2-7/8 tubing, installing thread protectors. Install Cameron EN-hanger with BPV set. Land. Tubing weight 56000# up, and 42000# down. Run in lock down pins Engaged 3-7/8", Dis-Engaged 4-1/2". LD landing jt.
Tubing string is as follows: EOT @ 9088.12', Weatherford expendable bit sub/WLREG, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go @ 9054.3', 1 jt 2-7/8, 2.313 "X" @ 9021.4', and 285 jts 2-7/8 6.5# L-80 EUE 8rd, Cameron EN-hanger with "H" style BPV profile. - 0.75, RD, and load out tubing equipment, and work floor. RD choke line to Greywolf equipment. ND BOPE stack, and NU Cameron 7-1/16 10M x 2-9/16 5M 4 valve tree. Pull BPV. Test hanger cavity to 10000#. Good test. Drop shifting ball. RU choke line to Greywolf equipment. RU to swab. Pump off bit sub @ 870#. Drain pump, and lines. - 3.5, WSI. Slight vacuum on both sides. Crew travel to Evanston. Winter weather, heavy rain, and wind with 35*. - 12

McKinnon 33-32-11-7 10/24/2010 06:00 - 10/25/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- Vacuum, SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. Wait on daylight to start swabbing. Steady rain, wind, and 35*. - 0.5, Swab run #1 250' to fluid pulling from 1300'
Swab run #10 550' to fluid pulling from 1500' Light sand PH-7
Swab run #20 300' to fluid pulling from 1500' trace sand PH-7
Swab run #30 400' to fluid pulling from 1700' trace sand PH-7
Swab run #40 550' to fluid pulling from 1950' trace sand PH-7
Swab run #50 600' to fluid pulling from 2000' No sand PH-7
Swab run #54 600' to fluid pulling from 2000' No sand PH-7
Casing had a slight blow. Drain all lines, and winterize tree. SWI. SDFN.
Recovered 304.3 bbls today, 1092.2 bbls toal recovered after frac, 6474.8- BWLTR - 10.5, WSI. Crew travel to Evanston. - 12

McKinnon 33-32-11-7 10/25/2010 06:00 - 10/26/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- 15#, SICP- 23#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. Wait on daylight to start swabbing. Light snow, wind, and 26*. - 0.5, Run #1 100' to fluid Pulled from 1300' PH-7 No sand
Run #8 600' to fluid Pull from 2300' 13 ppm H2S No sand
Run #9 600' to fluid Pull from 2300' 20 ppm H2S No sand
Run #10 600' to fluid Pull from 2300' 26 ppm H2S No sand
Run #11 600' to fluid Pull from 2300' 31 ppm H2S No sand
Wait 15 minutes and make final run.
Run #12 550' to fluid Pull from 2300' 2 ppm H2S No sand PH- 5.5 Fluid sample was pulled.
NOTE: The H2S readings were done with 2, electronic hand held Industrial Scientific M-40, and LTX 310. Readings were taken in sample bucket, and open top flow back tank. Fluid sample was BLACK, and PH dropped to 5.5. Recovered 74.3 bbls today, in 12 swab runs. Total recovered 1166.5 bbls. 6590.5- BWLTR. - 3, Consult with Denver. Was decided to displace well bore with H2S Scavenger; and run Protechnics Spectra-Scan log to find out were frac grew. Arrangements were made for chemical delivery. RD swab equipment, and prep to mix 1- 500 bbl tank of 3% KCL with H2S Scavenger. - 4, Unload 220 gallons of Champion Gas Treat 157 H2S Scavenger chemical. Roll into 500 bbls of 3% KCL. Displace 2-7/8 x 5-1/2 annulus with 130 bbls @ 3.5 bpm; and displace 2-7/8 tubing, and 5-1/2 casing volume to bottom perforation with 60 bbls @ 3 bpm. Final pump psi 1800#. ISIP- 900#. Both sides on vacuum in 30 minutes. - 3, SWI. Winterize tree, and drain pump/lines. MSOS hauled all swab fluid to disposal. 3 more 500 bbl frac tanks were released. - 0.5, WSI. Crew travel to Evanston. Protechnics memory logging tool is not available till Thursday AM 10-28-2010. - 12

McKinnon 33-32-11-7 10/26/2010 06:00 - 10/27/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum, SITP- Vacuum, Will be running Spectra Scan log on Thursday w/ Protechnics. 10-28-2010. SWS hauled extra sand off location, and moved sand chief to Worland, Wyoming. - 24

McKinnon 33-32-11-7 10/27/2010 06:00 - 10/28/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum, SITP- Vacuum, No operations today. Will be running Spectra Scan log on Thursday w/ Protechnics. 10-28-2010 - 24

McKinnon 33-32-11-7 10/28/2010 06:00 - 10/29/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- Vacuum, SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. W/L work, H2S training. - 0.25, MI, spot, and RU BWWC W/L, and Protechnics. Build lubricator, and tool string. ND tree cap, and NU adapter flange, and W/L BOPE. Calibrate tool string. - 0.75, RIH with Protechnics SpectraScan memory tool. Log from 8700' (EOT @ 9088') to 9550', @ 30'/minute. Tagged sand fill @ 9550'. Log up @ 30'/minute to 8700'. POOH. Well was static, on both sides. - 2.25, LD tool string. Down load data. Recieved good data; but needs to be processed, for evaluation. No field interpitation can be made today. Finish RD W/L, and Protechnics. ND adapter flange, and W/L BOPE. NU tree cap. Move W/L to Rock Springs. - 0.75, H2S training with Total Safety. Got all hands on location re-certified, and went over RU, of equipment, and monitor placement. - 2.5, Well was static. ND production tree. NU Quail 7-1/16 10M x 5M DSA, 7-1/16 5M McEvoy double BOPE (2-7/8 pipe upper, and "CSO" blind rams lower), 7-1/16 5M Shaffer annular. Function test, and psi test. RU work floor, and tubing equipment.Set catwalk, and pipe racks. Make-up landing jt, and back out lock down pins. - 2.5, LD top jt with hanger, and 1 more jt. TOOH with 142 stands of 2-7/8, and LD last jt. Loaded hole with treated 3% KCL fluid, every 10 stands (1.5 bbls). While POOH. - 2.5, Drain pump, lines, and winterize stack. SWI. Location secure. - 0.5, Operations SDFN. Crew travel to Evanston. - 11

McKinnon 33-32-11-7 10/29/2010 06:00 - 10/30/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, communication. RIH with packer, H2S awareness, and pinch points. - 0.25, Make-up packer assembly. Thaw spring out in blocks. - 0.25, TIH with Arrow-Set 6K packer, 1 jt 2-7/8, 2.313 (XN) w/ 2.205 n o/go, 1 jt 2-7/8, 2.313 (X), and 285 jts of 2-7/8 6.5# L-80 EUE 8rd tubing, 54000# pulling, 42000# running. Install Cameron EN-hanger. Set packer with 4' of slack-off (24" turn around plus compression). Land hanger. Run in lock down pins Engaged 3-7/8", Dis-Engaged 4-1/2". LD landing jt.
Tubing string is as follows: EOT @ 9101.07', Weatherford WLREG, 6K Arrow-Set packer, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go @ 9050.3', 1 jt 2-7/8, 2.313 "X" @ 9017.4', and 285 jts 2-7/8 6.5# L-80 EUE 8rd, Cameron EN-hanger with "H" style BPV profile. - 3, RU pump, and hard line. Psi test 2-7/8 x 5-1/2 annulus to 1000#, with 3% KCL with 1% Champion GasTreat 157. Good test. Bleed to 0#. Drain pump, and lines. - 1, RD tubing equipment, hardline off BOPE, and work floor. ND Quail BOPE stack. NU Cameron 7-1/16 10M x 2-9/16 4 valve tree. NU choke line. Set work floor, and RU to swab sour fluid. - 2.75, 200' to fluid. Recovered 173.6 bbls of fluid, PH-7, No gas shows, Ending fluid level @ 600', pulling from 2100'. Made 19 swab runs. Inhibiting sand line. SWI. 1340.1- BWRAF, 6416.9- BWLTR - 3.75, LD lubricator. Drain pump, and lines. Winterize tree. Secure location. - 0.5, Operations SDFN. Crew travel to Evanston. - 11.5

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: MCKINNON 33-32-11-7

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43033300710000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/4/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC requests approval to T&A the Mead Creek interval for this well. The plan is to set a cement retainer at approximately 9177', which is 30' above the top perf at 9207', & squeeze the perforations. BBC will then fill the casing from PBTD to the cement retainer with 150sxs of cement. In regard to the H2S encountered while drilling, it is being monitored at the tops of the flowback tanks, on the workover rig, & various spots on location. All personal are wearing monitors & air packs/protective gear for all personal is on location. Upon research, the canister gas analyzed from the Mead Peak Shale samples showed no H2S in the gas, instead it's believed that the hydraulic fracture treatment communicated with some natural fractures which are connected with some carbonate interval in the Phosphoria. The H2S being detected is in the produced water & have not produced any gas from this well.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 10, 2010

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/3/2010

RECEIVED November 03, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
MCKINNON 33-32-11-7

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43033300710000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY:
RICH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SPUD REPORT Date of Spud:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ DRILLING REPORT Report Date: 10/31/2010	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
OCTOBER 2010 MONTHLY ACTIVITY REPORT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 08, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE		**DATE**
N/A		11/4/2010

RECEIVED November 04, 2010

Bill Barrett Corporation

McKinnon 33-32-11-7 10/15/2010 06:00 - 10/16/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Operations SDFN. - 1, WSI. All frac fluid is on location. SWS sand chief is spotted, and frac sand was hauled in today. Manlift was delivered for work on frac tree. Wellhead heater was RU, for W/L work in AM. RD fresh water tanks at water well, and moved tanks to location; for flow back storage. Operations SDFN. - 10, WSI. Operations SDFN. - 13

McKinnon 33-32-11-7 10/16/2010 06:00 - 10/17/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Safety meeting with contractors on location. Discuss operations for today. - 1, MIRU Pure Energy W/L, and IPS (Double Jack). ND night cap. NU adapter flange. Build lubricator, and gun assembly. Greywolf finished RU hardline to frac tree. Psi test lubricator to 5000#, with methanol. Bleed off. - 3, RIH with 3-3/8" guns loaded 6 spf, 25 gm, 60*, 0.43 EH. Correlate to SWS PE Triple Combo AIT-TLD-HGNS-GR (5-12-2010), and PE RCBL/CCL/GR/VDL (9-18-2010). Had to pull CCL correlation strip over 8800' - 9200'; no marker joint in well. Perforate Stage #1, in 6 intervals; of Mead Peak Shale. 9345' - 47', 9328' - 30', 9311' - 13', 9271' - 73', 9254' - 56', 9237' - 39'), 72 holes. POOH. No psi increase. - 2, No psi on casing. LD guns. All shot fired correctly. LD lubricator. ND W/L BOPE, and adapter flange, and NU night cap. Load out equipment. Move W/L off location. - 1, Psi test all Greywolf equipment to 9000#, 15 minute high, and 250# 5 minute low. Test was not charted. Chart recorder was not working properly. Pump 60 gallon freeze blanket in casing. Psi casing up to 1650#. SWI. RD IPS. Move off location. - 2, MIRU Legend frac heater. Start heating frac tanks. - 15

McKinnon 33-32-11-7 10/17/2010 06:00 - 10/18/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. Legend Services frac heater finished heating frac fluid. All 20- 500 bbl frac tanks are filled w/ 3% KCL, heated to 90*, with biocide. RD, and moved off location. Finished hauling frac sand to location. - 10, WSI. Operations SDFN. Will RU SWS frac equipment, mid-morning, tomorrow. - 14

McKinnon 33-32-11-7 10/18/2010 06:00 - 10/19/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 150#. SWS Worland frac crew taveled to location. - 6.5, MI, spot, and RU suction manifold back side, Pre-gel, and blender w/ chemical and acid transports. Spot in, and RU 8 pump trucks with no psi missle. ND night cap off frac tree, and NU adapter flange. Tie in 2- 4" hard lines. Bleed off line was run, and psi transduicer off surface casing. Biocide was added to frac tanks. Fluid temperature average was 85*. Will finish with electronics in AM. SDFN. - 4.5, WSI. Operations SDFN. Crew tavel to Evanston. - 13

McKinnon 33-32-11-7 10/19/2010 06:00 - 10/20/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 120#. Finish RU electronics, and set up frac van. Service, and start equipment. - 1.75, Safety meeting with contractors on location. Discuss frac job, hazards, job assignments, safety response, and RD. Prime, and psi test equipment, to 9725#. Change out 2- 1" valves. - 0.5, Pump Slickwater B fluid frac, into Stage #1, of Mead Peak Shale. Broke well down @ 5.9 bpm, 4748#, with 7.5 bbls fluid. Pumped 4000 gallons of 20% HCL acid. Saw good acid action. Pumped 100 mesh sand stages as designed. Seen steady psi build with 20/40 sand. Added 840 gallon sweep stage after .5# 20/40 sand stage, but did not help enough. Flush was called with 150#/minute psi build. Well was flushed completely. ISIP- 6475#, 6789 + 207= 6996 BWTR. 1.10 frac gradient, Pumped 48985# 100 mesh sand in 4 sand stages (0.25#, 0.5#, 0.75#, 1.0#); and 67385# 20/40 Jordan Unimin sand in 3 sand stages (0.25#,0.50#, 0.75#). Frac was traced by Protechnics, and surface casing was monitored. - 2.5, Blow suction manifold, and pump lines dry. RD hardline off frac tree, and adapter flange. NU night cap. Continue rigging down frac equipment. Flow testers took over well. - 0.75, SWS continuing to RD, package, and moving equipment off location. Extra sand/sand chief will be moved in a few days. Install SPIDR.
11:30, SICP- 3450#, Equalize to flow back manifold, and open to Greywolf equipment. Trying to maintain 1-1.5 bbl/minute flow rate. Psi on steady decline. Stepped chokes as needed. As of 16:00, well open on a 48/64 choke. FCP was below 10#. Well died @ 24:00, and was SI. Drain lines, and tarp in well head. As of 04:00, SICP- Vacuum. 334.4 BWRAF, 6661.1 BWLTR. - 12.5, SICP- Vacuum. W/O CTU availability, or MIRU completion rig on Thursday, when available. - 6

McKinnon 33-32-11-7 10/20/2010 06:00 - 10/21/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Monitor well while waiting on CTU, and/or completion rig availability. Released Greywolf hands for day. - 4, Coil Tubing Unit was not available till late thursday. Consulted with Denver. Was decided to bring in completion rig in AM. Made arrangements with Uinta Well Service, order tubing, production tree, BOPE stack, BHA, and clean-out equipment. MSOS finished batching tank bottoms. Released 15 RFR frac tanks. - 8, WSI. Operations SDFN. - 12

McKinnon 33-32-11-7 10/21/2010 06:00 - 10/22/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Pulled SPIDR, and download. Crew travel to location. Service, and start rig. - 1, Safety meeting with contractors on location. Discuss operations for today. BBC policies. pinch points, communication, and spotting trucks. - 0.25, Finish moving in, spot, and RU Unita Well Service Rig #1. Pump, flat tank, were RU to well head. Set generator. Spot in catwalk, and racks. ND Quail frac tree. NU Quail 7-1/16 10M x 5M spool, 7-1/16 5M McEvoy double BOPE (2-7/8 pipe upper, and "CSO" blind rams lower), 7-1/16 5M Shafer annular. Function test. RU work floor, and tubing equipment. RFR started moving frac tanks to town. 1 light tower, and manlift were released. RU choke line to BOPE stack. - 10, WSI. Crew travel to Evanston. - 12.75

McKinnon 33-32-11-7 10/22/2010 06:00 - 10/23/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 0.75, Safety meeting with contractors on location. Discuss operations for today, hazards, pinch points, communication, and picking up tubing. - 0.25, RFR moved out frac tanks. Finish setting pipe racks. Unload 308 jts of 2-7/8 6.5# L-80 EUE 8rd tubing, off Bunning Transfer trucks. - 2, Prep tubing, caliper, tally, and drift BHA. Make-up BHA. Single/strap in hole with 4-5/8" 4 blade drag bit, Weatherford expendable bit sub with string float, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go, 1 jt 2-7/8, 2.313 "X", and 297 jts of 2-7/8 tubing. Loaded tubing with 3% KCL, and pumped thru bit sub every 3000'. - 7, LD kelly jt #299. Load tubing with 3% KCL, and break circulation. TOOH with 4 stands, and TIH with 1 stand. Drain pump, lines, and flowback equipment. Secure tubing. 292 jts in hole with EOT @ 9235'. Spot in Weatherford foam equipment. - 1.5, WSI. Operations SDFN. Crew travel to Evanston. - 12.5

McKinnon 33-32-11-7 10/23/2010 06:00 - 10/24/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 0.75, Safety meeting with contractors on location. Discuss operations for today, hazards, pinch points, communication, and washing sand. - 0.25, TIH with 3 stands. PU, and RU Bowen S-3.5 power swivel. Kelly up with jt #299. - 1, Attepmt to break circulation. New packing on power swivel is leaking. Bad internal o-ring on wash pipe cap. Replace. - 2, Break circulation with 3% KCL @ 2.5 bpm. Losing about 1/2 bpm. 400# pump psi. Wash from 9456' - 9603'. Jt #303. Circulate bottoms up+. MSOS is hauling flow back, to disposal. No signs of gas. Pumped 571 bbls for clean-out, and recovered 453 bbls. RD, and load out power swivel. - 3.75, LD 15 jts of 2-7/8 tubing, installing thread protectors. Install Cameron EN-hanger with BPV set. Land. Tubing weight 56000# up, and 42000# down. Run in lock down pins Engaged 3-7/8", Dis-Engaged 4-1/2". LD landing jt.
Tubing string is as follows: EOT @ 9088.12', Weatherford expendable bit sub/WLREG, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go @ 9054.3', 1 jt 2-7/8, 2.313 "X" @ 9021.4', and 285 jts 2-7/8 6.5# L-80 EUE 8rd, Cameron EN-hanger with "H" style BPV profile. - 0.75, RD, and load out tubing equipment, and work floor. RD choke line to Greywolf equipment. ND BOPE stack, and NU Cameron 7-1/16 10M x 2-9/16 5M 4 valve tree. Pull BPV. Test hanger cavity to 10000#. Good test. Drop shifting ball. RU choke line to Greywolf equipment. RU to swab. Pump off bit sub @ 870#. Drain pump, and lines. - 3.5, WSI. Slight vacuum on both sides. Crew travel to Evanston. Winter weather, heavy rain, and wind with 35*. - 12

McKinnon 33-32-11-7 10/24/2010 06:00 - 10/25/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- Vacuum, SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. Wait on daylight to start swabbing. Steady rain, wind, and 35*. - 0.5, Swab run #1 250' to fluid pulling from 1300'
Swab run #10 550' to fluid pulling from 1500' Light sand PH-7
Swab run #20 300' to fluid pulling from 1500' trace sand PH-7
Swab run #30 400' to fluid pulling from 1700' trace sand PH-7
Swab run #40 550' to fluid pulling from 1950' trace sand PH-7
Swab run #50 600' to fluid pulling from 2000' No sand PH-7
Swab run #54 600' to fluid pulling from 2000' No sand PH-7
Casing had a slight blow. Drain all lines, and winterize tree. SWI. SDFN.
Recovered 304.3 bbls today, 1092.2 bbls toal recovered after frac, 6474.8- BWLTR - 10.5, WSI. Crew travel to Evanston. - 12

McKinnon 33-32-11-7 10/25/2010 06:00 - 10/26/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- 15#, SICP- 23#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. Wait on daylight to start swabbing. Light snow, wind, and 26*. - 0.5, Run #1 100' to fluid Pulled from 1300' PH-7 No sand
Run #8 600' to fluid Pull from 2300' 13 ppm H2S No sand
Run #9 600' to fluid Pull from 2300' 20 ppm H2S No sand
Run #10 600' to fluid Pull from 2300' 26 ppm H2S No sand
Run #11 600' to fluid Pull from 2300' 31 ppm H2S No sand
Wait 15 minutes and make final run.
Run #12 550' to fluid Pull from 2300' 2 ppm H2S No sand PH- 5.5 Fluid sample was pulled.
NOTE: The H2S readings were done with 2, electronic hand held Industrial Scientific M-40, and LTX 310. Readings were taken in sample bucket, and open top flow back tank. Fluid sample was BLACK, and PH dropped to 5.5. Recovered 74.3 bbls today, in 12 swab runs. Total recovered 1166.5 bbls. 6590.5- BWLTR. - 3, Consult with Denver. Was decided to displace well bore with H2S Scavenger; and run Protechnics Spectra-Scan log to find out were frac grew. Arrangements were made for chemical delivery. RD swab equipment, and prep to mix 1- 500 bbl tank of 3% KCL with H2S Scavenger. - 4, Unload 220 gallons of Champion Gas Treat 157 H2S Scavenger chemical. Roll into 500 bbls of 3% KCL. Displace 2-7/8 x 5-1/2 annulus with 130 bbls @ 3.5 bpm; and displace 2-7/8 tubing, and 5-1/2 casing volume to bottom perforation with 60 bbls @ 3 bpm. Final pump psi 1800#. ISIP- 900#. Both sides on vacuum in 30 minutes. - 3, SWI. Winterize tree, and drain pump/lines. MSOS hauled all swab fluid to disposal. 3 more 500 bbl frac tanks were released. - 0.5, WSI. Crew travel to Evanston. Protechnics memory logging tool is not available till Thursday AM 10-28-2010. - 12

McKinnon 33-32-11-7 10/26/2010 06:00 - 10/27/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum, SITP- Vacuum, Will be running Spectra Scan log on Thursday w/ Protechnics. 10-28-2010. SWS hauled extra sand off location, and moved sand chief to Worland, Wyoming. - 24

McKinnon 33-32-11-7 10/27/2010 06:00 - 10/28/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum, SITP- Vacuum, No operations today. Will be running Spectra Scan log on Thursday w/ Protechnics. 10-28-2010 - 24

McKinnon 33-32-11-7 10/28/2010 06:00 - 10/29/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SITP- Vacuum, SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. W/L work, H2S training. - 0.25, MI, spot, and RU BWWC W/L, and Protechnics. Build lubricator, and tool string. ND tree cap, and NU adapter flange, and W/L BOPE. Calibrate tool string. - 0.75, RIH with Protechnics SpectraScan memory tool. Log from 8700' (EOT @ 9088') to 9550', @ 30'/minute. Tagged sand fill @ 9550'. Log up @ 30'/minute to 8700'. POOH. Well was static, on both sides. - 2.25, LD tool string. Down load data. Recieved good data; but needs to be processed, for evaluation. No field interpitation can be made today. Finish RD W/L, and Protechnics. ND adapter flange, and W/L BOPE. NU tree cap. Move W/L to Rock Springs. - 0.75, H2S training with Total Safety. Got all hands on location re-certified, and went over RU, of equipment, and monitor placement. - 2.5, Well was static. ND production tree. NU Quail 7-1/16 10M x 5M DSA, 7-1/16 5M McEvoy double BOPE (2-7/8 pipe upper, and "CSO" blind rams lower), 7-1/16 5M Shaffer annular. Function test, and psi test. RU work floor, and tubing equipment.Set catwalk, and pipe racks. Make-up landing jt, and back out lock down pins. - 2.5, LD top jt with hanger, and 1 more jt. TOOH with 142 stands of 2-7/8, and LD last jt. Loaded hole with treated 3% KCL fluid, every 10 stands (1.5 bbls). While POOH. - 2.5, Drain pump, lines, and winterize stack. SWI. Location secure. - 0.5, Operations SDFN. Crew travel to Evanston. - 11

McKinnon 33-32-11-7 10/29/2010 06:00 - 10/30/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, communication. RIH with packer, H2S awareness, and pinch points. - 0.25, Make-up packer assembly. Thaw spring out in blocks. - 0.25, TIH with Arrow-Set 6K packer, 1 jt 2-7/8, 2.313 (XN) w/ 2.205 n o/go, 1 jt 2-7/8, 2.313 (X), and 285 jts of 2-7/8 6.5# L-80 EUE 8rd tubing, 54000# pulling, 42000# running. Install Cameron EN-hanger. Set packer with 4' of slack-off (24" turn around plus compression). Land hanger. Run in lock down pins Engaged 3-7/8", Dis-Engaged 4-1/2". LD landing jt.
Tubing string is as follows: EOT @ 9101.07', Weatherford WLREG, 6K Arrow-Set packer, 1 jt 2-7/8, 2.313 "XN" with 2.205 no/go @ 9050.3', 1 jt 2-7/8, 2.313 "X" @ 9017.4', and 285 jts 2-7/8 6.5# L-80 EUE 8rd, Cameron EN-hanger with "H" style BPV profile. - 3, RU pump, and hard line. Psi test 2-7/8 x 5-1/2 annulus to 1000#, with 3% KCL with 1% Champion GasTreat 157. Good test. Bleed to 0#. Drain pump, and lines. - 1, RD tubing equipment, hardline off BOPE, and work floor. ND Quail BOPE stack. NU Cameron 7-1/16 10M x 2-9/16 4 valve tree. NU choke line. Set work floor, and RU to swab sour fluid. - 2.75, 200' to fluid. Recovered 173.6 bbls of fluid, PH-7, No gas shows, Ending fluid level @ 600', pulling from 2100'. Made 19 swab runs. Inhibiting sand line. SWI. 1340.1- BWRAF, 6416.9- BWLTR - 3.75, LD lubricator. Drain pump, and lines. Winterize tree. Secure location. - 0.5, Operations SDFN. Crew travel to Evanston. - 11.5

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: MCKINNON 33-32-11-7

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43033300710000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/4/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC requests approval to T&A the Mead Creek interval for this well. The plan is to set a cement retainer at approximately 9177', which is 30' above the top perf at 9207', & squeeze the perforations. BBC will then fill the casing from PBTD to the cement retainer with 150sxs of cement. In regard to the H2S encountered while drilling, it is being monitored at the tops of the flowback tanks, on the workover rig, & various spots on location. All personal are wearing monitors & air packs/protective gear for all personal is on location. Upon research, the canister gas analyzed from the Mead Peak Shale samples showed no H2S in the gas, instead it's believed that the hydraulic fracture treatment communicated with some natural fractures which are connected with some carbonate interval in the Phosphoria. The H2S being detected is in the produced water & have not produced any gas from this well.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 10, 2010

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/3/2010

RECEIVED November 03, 2010

API Well No: 43033300710000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
MCKINNON 33-32-11-7

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43033300710000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY:
RICH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 12/2/2010	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Monthly Activity Report for November 2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
12/6/2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE		**DATE**
N/A		12/2/2010

RECEIVED December 02, 2010

Bill Barrett Corporation

McKinnon 33-32-11-7 11/1/2010 06:00 - 11/2/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. SITP- Vacuum. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss swabbing, H2S awareness, and communication. RU to swab. - 0.5, 100' to fluid. Recovered 444.7 bbls fluid today, with 50 runs. PH- 6. H2S leveled out from 250 ppm to 350 ppm. CO2 levels 70 ppm to 400 ppm. These readings were taken @ open top tank. Ending fluid level @ 600', pulling from 2100'. SWI. 2751.6 BWRAF, 5005.7 BWLTR. Drain lines, and winterize tree. SDFN. - 9.5, LD lubricator. Drain all lines, and winterize tree. - 0.5, Operations SDFN. Crew travel to Evanston. - 12.5

McKinnon 33-32-11-7 11/2/2010 06:00 - 11/3/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. SITP- 3#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, H2S awareness, and communication. - 0.25, RD swab equipment, package, and load out. RU pump, and hardline. Psi test lines. Load tubing, and displace to perforations with 60 bbls of 3% KCL with 1% Champion GasTreat 157 H2S Scavenger. ND tree. NU Quail 7-1/16 10M x 5M DSA, Shaffer 7-1/16 5M double BOPE, Shaffer 7-1/16 5M annular. RU work floor, and tubing equipment. Unlock hanger. - 3.25, PU hanger, and release packer. Equalize. TOOH with 285 jts 2-7/8 work string, "X", 1 jt, "XN", 1 jt, and 6K Arrow-Set packer, and WLREG. All rubbers intacted on packer. - 2.25, MIRU Pure Energy W/L. NU adapter flange, and W/L BOPE. Build lubricator, and tool string. Make-up CICR. Make-up wellhead, and test. - 1.5, RIH with Weatherford CICR, correlate to Pure Energy RACB-GR-VDL-CCL (9-18-2010). No marker jt. CCL strip pulled from 8750' - 9200'. Set CICR @ 9190', in 44 seconds. POOH. - 2, LD, and break-out; setting tool, and lubricator. ND adapter flange, and W/L BOPE. Load out equipment. Secure well. SDFN. Denver has set up for squeeze job to be pumped, and designed by HES. Will confirm, in AM, on what time on Thursday (11-4-2010). - 1.25, Operations SDFN. Crew travel to Evanston. - 12.5

McKinnon 33-32-11-7 11/3/2010 06:00 - 11/4/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, and communication. - 0.25, TIH with Weatherford CICR stinger, and 291 jts of 2-7/8 work string. - 2.75, Sting into Weatherford CICR @ 9190'; with jt #291 @ K.B. Psi test annulus to 1000#. Bleed off. Sting out, and RU with tubing swivel. Sting back in with 15000# compression. Winterize stack, and tubing. SWI. SDFN. - 1.5, Operations SDFD. HES will be on location @ 07:00, tomorrow. Crew travel to Evanston. - 18.5

McKinnon 33-32-11-7 11/4/2010 06:00 - 11/5/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. SITP- 0#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with all contractors on location. Discuss operations for today, communication, squeeze job, pinch points, and H2S safety. - 0.25, MI, spot, and RU HES cement fleet, (Pump truck, iron truck, bulk truck). RU suction hoses to KCL tanks, and MSOS water truck. RU hardline, and squeeze manifold. Lines to 2-7/8 x 5-1/2 annulus, open top tank, tubing, and reserve pit. Prime up pumps, and had job safety meeting. - 1.75, Psi test hardline to 5000#. Sting out of CICR. Broke circulation. Sting back into CICR. Psi up on 2-7/8 x 5-1/2 annulus to 1000#; for monitoring. Establish injection rate of 3 bpm @ 850#. Pump 5 bbl fresh water spacer, 150 sacks of Mountain G cement @ 15.8#/gal, 1.15 cuft/sack, 5 bbl fresh water spacer, displace with 3% KCL. Got a walking squeeze to 3700# with 13 bbls of cement under CICR. Held 5 minutes, and no psi loss. Stung out. LD 2 jts, and reversed out 18 bbls of cement. Cleaned tubing up. (NOTE: Reverse fluid was 3% KCL with 1% Champion Gas Treat 157 H2S Scavenger. Casing, and tubing is full with this fluid). - 1.75, Wash up cement truck, and lines. RD, and load out all HES hardline, and suction hose. Move HES equipment off location. - 1.25, LD 289 jts of 2-7/8 6.5# L-80, EUE 8rd tubing. Installed thread protectors. Greywolf RD, load-out all hardline, transfer hoses, flare line, flare stack. Prepared for move to Duchesne, Utah. Loaded out tree, hanger, and shipped to Cameron in Vernal, Utah. (Kept adapter, 2-9/16 5M valve, and tree cap) - 3.5, Break-out stinger. RD, and load out; tubing equipment, and work floor. Load hole with 20 bbls 3% KCL with 1% Champion Gas Treat 157 H2S Scavenger. Fluid level shoulld be @ 100'. RD light towers, and MSOS is bottoming all tanks left on location for release tomorrow. Total Safety RD all equipment, loaded, and moved to Evanston. Drain pump, and lines Secure well. SDFN - 2.5, Operations SDFN. Crew travel to Evanston. - 12

McKinnon 33-32-11-7 11/5/2010 06:00 - 11/6/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

SICP- 0#. Crew travel to location. Service, and start equipment. - 1, Safety meeting with contractors on location. Discuss operations for today, communication, pinch points, loading out equipment, and spotting trucks for loading. - 0.25, SICP- 0#. Loaded out 308 jts of 2-7/8 6.5# L-80 EUE 8rd tubing on two Fabrizio Trucking trucks, w/ profile nipples. ND BOPE stack, package. NU Cameron adapter flange, 2-9/16 5M gate valve with tree cap. Install tapped bull plugs w/ needle valves on both casing valves. RD, and package rig winterizing, pump, flat tank, generator, catwalk, and racks. RD rig. Finished bottoming all frac tanks. RFR moving tanks off location. RD, and release light towers. Schwitzer Trucking is hauling rig equipment into Evanston yard. - 10.75, Operations SDFN. - 12

McKinnon 33-32-11-7 11/6/2010 06:00 - 11/7/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Operations SDFN. - 1, MIRU Western HydroVac, and Total Safety equipment. Safety meeting. Discussed tank cleaning. Clean open top flow back tanks. RD, and move off location. Schwitzer Trucking finished moving last load, of rig equipment to Evanston. Loaded out Greywolf equipment; 3 loads; and hauled to Vernal. Utah (for BTR operations). RFR has 2 skid mounted tanks left, on location after today. - 8, WSI. Operations SDFWE. Rest of rental equipment will leave location on Monday (11-8-2010). 2- RFR tanks to Evanston yard, 2- BHS tanks flow back tanks to Riverton, MSOS loader to Evanston yard, and Rocket Sanitation port-a-johns/trash basket to Evanston. - 15

McKinnon 33-32-11-7 11/13/2010 06:00 - 11/14/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

Cost up-date. Trucking to finish moving equipment off location. Water samples were deleivered to Precision Analysis in Riverton. PCS still has to haul port-a-johns/trash basket off location. - 24

McKinnon 33-32-11-7 11/22/2010 06:00 - 11/23/2010 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43 033 36071	Utah		Diaga		9,654.0	Drilling & Completion

Time Log Summary

WSI. Cost up-date. - 24

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
MCKINNON 33-32-11-7

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43033300710000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY:
RICH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 5/26/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
no monthly drilling activity to report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE		**DATE**
N/A		5/26/2011

RECEIVED May. 26, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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1. TYPE OF WELL Gas Well

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2. NAME OF OPERATOR: BILL BARRETT CORP

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PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 5/31/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No May Monthly Drilling Activity to Report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 6/3/2011

RECEIVED Jun. 03, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
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	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
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	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 6/30/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No June 2011 Monthly Drilling Activity to report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 7/1/2011

RECEIVED Jul. 01, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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PHONE NUMBER: 303 312-8164 Ext

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4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
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	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 7/1/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No July 2011 Monthly Drilling Activity to report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 8/4/2011

RECEIVED Aug. 04, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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7.UNIT or CA AGREEMENT NAME:

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FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 8/31/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No August 2011 Monthly Drilling Activity to report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 9/6/2011

RECEIVED Sep. 06, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

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2. NAME OF OPERATOR: BILL BARRETT CORP

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PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/22/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
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	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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This sundry is being submitted to request approval to P&A this well on 9/22/2011. The procedure to P&A the well is attached.

Approved by the Utah Division of Oil, Gas and Mining

Date: 09/21/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Manager
SIGNATURE N/A		**DATE** 9/21/2011

Please Review Attached Conditions of Approval

RECEIVED Sep. 21, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43033300710000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.

2. A minimum of 50' of cement (6 sx) shall be placed on top of the CICR @ 9190'.

3. Move Plug #2 (procedural step # 8): This plug shall be moved downhole 100' to isolate the Dinwoody Fm. The plug shall be balanced from 8530' to 8430'.

4. Move Plug #3 (procedural step # 9): This plug shall be moved downhole 100' to isolate the Thaynes Fm. The plug shall be balanced from 5590' to 5490'.

5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.

6. If pressure test fails or circulation during pump job is lost or hole doesn't stay full or if the inspector requests, all balanced plugs shall be tagged to ensure that they are at the depth specified.

7. All annuli shall be cemented from a minimum depth of 100' to the surface.

8. Form 8, Well Completion Report along with all required logs and analysis should be submitted to the Division immediately.

9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

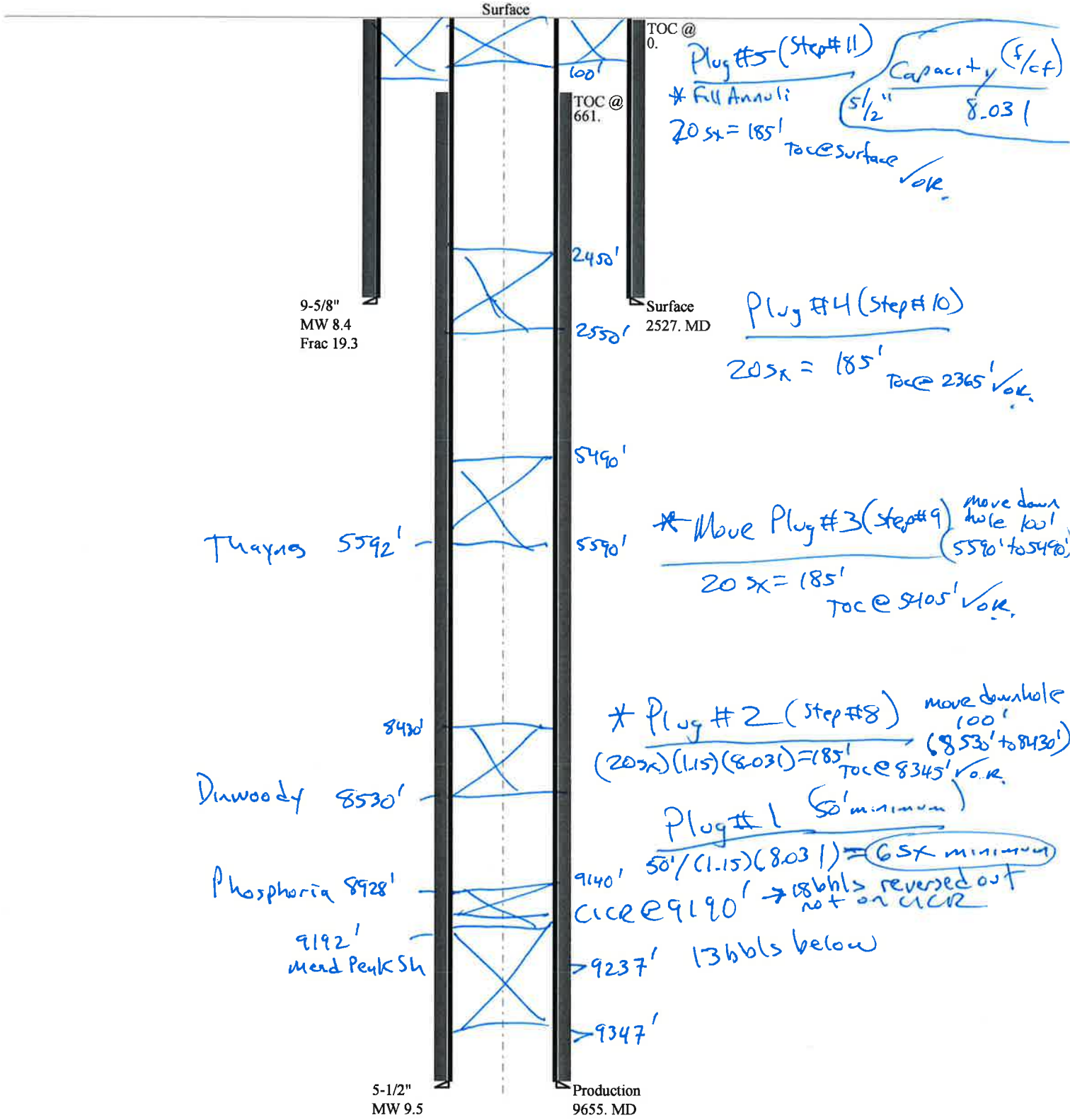
10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED Sep. 21, 2011

43033300710000 BBC McKinnon 33-32-11-7

Casing Schematic



RECEIVED Sep. 21, 2011

McKinnon 33-32-11-7 P&A Procedure

County: Rich County, Utah
API: 43-033-36071

Well Notes:

9,654' TD. 5-1/2" Casing. TOC @ 2500'
CICR @ 9,190' (11/04/2010)*
*Note: 18 bbls of cement reversed out on top of CICR on 11/04/2010
Perfs squeezed on 11/04/2010
Top Perf: 9,237'
Bot Perf: 9,347'

Step 1.) Notify State and Landowner 24 hours prior to commencing the P&A for this well.
2.) Dress location level, install/test anchors – prepare for pulling unit
3.) MIRU pulling unit
4.) ND Wellhead, NU BOP
5.) RU rig pump & pressure test csg (annulus) to 3,000 psi for 15 minutes; chart record & report test result to Denver & State
6.) TIH w/ 2-7/8" 6.5ppf L-80 tbg and tag to verify cement top
7.) Verify 50' minimum cement above CICR @ 9,190'
Top of Dinwoody @ 8,530', Top of Phosphoria @ 8,928'
8.) TOOH and set a balance plug from 8,430' to 8,330' using 20 sx Class "G"
Top of Thaynes @ 5,592'
9.) TOOH and set a balance plug from 5,490' to 5,390' using 20 sx Class "G"
10.) TOOH and set a balance plug from 2,550' to 2,450' using 20 sx Class "G"
11.) TOOH to 100' and set Surface Plug (fill 5.5" csg to surface) using 20 sx Class "G"
12.) TOOH, RD pulling unit. Dig out & cut off well head.
13.) Weld in place appropriate dry hole marker. Reclaim surface & seed.
14.) Turn in final P&A sundry to State.

RECEIVED Sep. 21, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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2. NAME OF OPERATOR: BILL BARRETT CORP

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PHONE NUMBER: 303 312-8164 Ext

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4. LOCATION OF WELL
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

STATE: UTAH

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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached please find the cement post job reports and the daily procedures for the plug and abandonment of this well, that took place 9/23-27/2011. Please contact Brady Riley at 303-312-8115 with any questions in regard to the plugging of this well.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 9/29/2011

RECEIVED Sep. 29, 2011

HALLIBURTON

BILL BARRETT CORPORATION E-BILL

McKinnon 33-32-11-7
WILDCAT
Rich County, Utah

Plug to Abandon Service

26-Sep-2011

Post Job Report

SUMMIT Version: 7.2.27

Thursday, September 29, 2011
01:07:00

RECEIVED Sep. 29, 2011

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2773332	**Quote #:**	**Sales Order #:** 8497114
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Workover, .	
Well Name: McKinnon	**Well #:** 33-32-11-7		**API/UWI #:** 43-033-30071
Field: WILDCAT	**City (SAP):** RANDOLPH	**County/Parish:** Rich	**State:** Utah
Legal Description: Section 32 Township 11N Range 7E			
Contractor: Bill Berret	**Rig/Platform Name/Num:** Workover		
Job Purpose: Plug to Abandon Service			
Well Type: Producing Well	**Job Type:** Plug to Abandon Service		
Sales Person: FLING, MATTHEW	**Srvc Supervisor:** LEATHAM, TRINITY	**MBU ID Emp #:** 460857	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FRICKEY, DYLAN McKay	9	494086	LEATHAM, TRINITY Paul	9	460857	MARTINEZ, FRANCISCO J	9	458086
MARTINZ, JAMES D	9	503651	OVITT, RUSSELL D	9	472949			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
11127552	150 mile	11127999	150 mile	11337601	150 mile	11501579	150 mile
3993	150 mile						

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
9-26-2011	9	6						
TOTAL		*Total is the sum of each column separately*						

Job

Formation Name			
Formation Depth (MD)	**Top**		**Bottom**
Form Type		**BHST**	
Job depth MD	8450. ft	**Job Depth TVD**	
Water Depth		**Wk Ht Above Floor**	4. ft
Perforation Depth (MD)	*From*		**To**

Job Times

	Date	Time	Time Zone
Called Out	26 - Sep - 2011	02:00	MST
On Location	26 - Sep - 2011	07:00	MST
Job Started	26 - Sep - 2011	08:38	MST
Job Completed	26 - Sep - 2011	14:57	MST
Departed Loc	26 - Sep - 2011	16:00	MST

Well Data

Description	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Cement Plug							0.	191.		
Cement Plug							2380.	2565.		
Cement Plug							5336.	5521.		
Cement Plug							8265.	8450.		
Production Casing		5.5	4.778	20.			.	9655.		
Surface Casing		9.625	8.921	36.			.	2527.		
Tubing		2.875	2.441	6.5		P-110	.	8450.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					**Packer**					**Top Plug**			
Float Shoe					**Bridge Plug**					**Bottom Plug**			
Float Collar					**Retainer**					**SSR plug set**			
Insert Float										**Plug Container**			
Stage Tool										**Centralizers**			

Miscellaneous Materials

Gelling Agt		**Conc**		**Surfactant**		**Conc**		**Acid Type**		**Qty**		*Conc*	*%*
Treatment Fld		**Conc**		*Inhibitor*		**Conc**		**Sand Type**		*Size*		*Qty*	

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Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	**Stage Type**	**Fluid Name**	**Qty**	**Qty uom**	**Mixing Density lbm/gal**	**Yield ft3/sk**	**Mix Fluid Gal/sk**	**Rate bbl/min**	**Total Mix Fluid Gal/sk**
1	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.96**	**2**	**4.96**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
0.1 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
0.25 %		HR-5, 50 LB SK (100005050)							
4.96 Gal		FRESH WATER							
2	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.96**	**3**	**4.96**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
0.1 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
0.15 %		HR-5, 50 LB SK (100005050)							
4.96 Gal		FRESH WATER							
3	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.97**	**4**	**4.97**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
0.1 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
4.97 Gal		FRESH WATER							
4	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.16**	**4.99**	**2**	**4.99**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
4.99 Gal		FRESH WATER							
5	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.16**	**4.99**	**2**	**4.99**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
4.99 Gal		FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement		**Shut In: Instant**		**Lost Returns**		*Cement Slurry*	20.5	**Pad**	
Top Of Cement	SURFACE	**5 Min**		**Cement Returns**	3	**Actual Displacement**		**Treatment**	
Frac Gradient		**15 Min**		**Spacers**		**Load and Breakdown**		**Total Job**	**294.5**

Rates							
Circulating		*Mixing*		*Displacement*		**Avg. Job**	
Cement Left In Pipe	**Amount**	***0 ft***	*Reason*	***Shoe Joint***			
Frac Ring # 1 @		*ID*		*Frac ring # 2 @*		*ID*	
Frac Ring # 3 @		*ID*		*Frac Ring # 4 @*		*ID*	

The Information Stated Herein Is Correct	***Customer Representative Signature***

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2773332	**Quote #:**	**Sales Order #:** 8497114
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Workover, .	
Well Name: McKinnon	**Well #:** 33-32-11-7		**API/UWI #:** 43-033-30071
Field: WILDCAT	**City (SAP):** RANDOLPH	**County/Parish:** Rich	**State:** Utah
Legal Description: Section 32 Township 11N Range 7E			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Bill Berret	**Rig/Platform Name/Num:** Workover		
Job Purpose: Plug to Abandon Service			**Ticket Amount:**
Well Type: Producing Well	**Job Type:** Plug to Abandon Service		
Sales Person: FLING, MATTHEW	**Srvc Supervisor:** LEATHAM, TRINITY		**MBU ID Emp #:** 460857

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/26/2011 02:00							CREW CALLED OUT ON BILL BARRETT, MCKINNON 33-32-11-7, PTA. REQUESTED ON LOCATION 9-26-2011, @ 0700.
Depart Yard Safety Meeting	09/26/2011 03:50							
Crew Leave Yard	09/26/2011 04:00							
Arrive At Loc	09/26/2011 07:00							
Assessment Of Location Safety Meeting	09/26/2011 07:05							
Pre-Rig Up Safety Meeting	09/26/2011 07:10							
Rig-Up Equipment	09/26/2011 07:15							
Pre-Job Safety Meeting	09/26/2011 08:30							WITH HES, CO-MAN, AND RIG CREW
Start Job	09/26/2011 08:38	1						TUBING SET AT 8450'
Pump Water	09/26/2011 08:38	2	2	2	2		4.0	FILL PUMPS AND LINES
Test Lines	09/26/2011 08:42	3						TEST HES LINES TO 4203 PSI
Other	09/26/2011 08:43	4						MIX CEMENT
Pump Spacer	09/26/2011 08:51	5	2	10	12		21.0	MUD FLUSH III
Pump Cement	09/26/2011 08:56	6	2	4.1	16.1		365.0	20 SKS MOUNTAIN G-PLUG 1, MIXED @ 15.8 PPG, 1.15 FT3/SK, 4.95 GAL/SK. SET 185' CEMENT PLUG FROM 8450' TO 8265'

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	09/26/2011 08:58	7	4	48	64.1		102.0	3% KCL WATER
Shutdown	09/26/2011 09:10	8						
Check Weight (Pull Out Of Hole)	09/26/2011 09:11	9						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 09:14	10						
Reverse Circ Well	09/26/2011 09:29	11	5	72	136.1		27.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 09:43	12						
Check Weight (Pull Out Of Hole)	09/26/2011 09:43	13						RIG PULLED 88 JOINTS TO 5521'
Load Casing	09/26/2011 10:57	14	3	10	146.1		24.0	
Shutdown	09/26/2011 11:01	15						
Other	09/26/2011 11:02	16						MIX CEMENT
Pump Spacer	09/26/2011 11:07	17	3	5	151.1		72.0	PUMP FRESH WATER SPACER
Pump Cement	09/26/2011 11:09	18	3	4.1	155.2		486.0	20 SKS MOUNTAIN G-PLUG 2 MIXED @ 15.8 PPG, 1.15 FT3/SK, 4.96 GAL/SK. SET 185' CEMENT PLUG FROM 5521' TO 5336'
Pump Displacement	09/26/2011 11:11	19	3	30	185.2		421.0	
Shutdown	09/26/2011 11:20	20						
Check Weight (Pull Out Of Hole)	09/26/2011 11:21	21						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 11:22	22						
Reverse Circ Well	09/26/2011 11:35	23	5	44	229.2		1180.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 11:44	24						
Check Weight (Pull Out Of Hole)	09/26/2011 11:46	25						RIG PULLED 89 JOINTS TO 2565'
Load Casing	09/26/2011 13:40	1	4	9	238.2		20.0	
Shutdown	09/26/2011 13:43	2						

Sold To # : 343492 Ship To # :2773332 Quote # : Sales Order # : 8497114

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	09/26/2011 13:43	3						MIX CEMENT
Pump Spacer	09/26/2011 13:49	4	4	5	243.2		39.0	WATER SPACER
Pump Cement	09/26/2011 13:51	5	4	4.1	247.3		677.0	20 SKS MOUNTAIN G-PLUG 3 MIXED @ 15.8 PPG, 1.15 FT3/SK, 4.97 GAL/SK. SET 185' CEMENT PLUG FROM 2565' TO 2380'.
Pump Displacement	09/26/2011 13:52	6	3	14	261.3		332.0	3% KCL WATER
Shutdown	09/26/2011 13:57	7						
Check Weight (Pull Out Of Hole)	09/26/2011 13:57	8						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 14:00	9						
Reverse Circ Well	09/26/2011 14:10	10	4	20	281.3		20.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 14:16	11						
Check Weight (Pull Out Of Hole)	09/26/2011 14:16	12						RIG PULLED 70 JOINTS UP TO 191'.
Pump Water	09/26/2011 14:42	1	1	5	286.3		75	
Pump Cement	09/26/2011 14:48	2	2	4.1	290.4		60	20 SKS MOUNTAIN G-PLUG 4 MIXED @ 15.8 PPG, 1.16 FT3/SK, 4.99 GAL/SK.
Shutdown	09/26/2011 14:50	3						
Pump Cement	09/26/2011 14:54	4	2	4.1	294.5		28	20 SKS MOUNTAIN G-TOP OUT MIXED @ 15.8 PPG, 1.16 FT3/SK, 4.99 GAL/SK. CIRCULATED 3 BBLS. GOOD CEMENT TO SURFACE.
Shutdown	09/26/2011 14:56	5						
End Job	09/26/2011 14:57	6						
Pre-Rig Down Safety Meeting	09/26/2011 15:00							
Rig-Down Equipment	09/26/2011 15:10							

Sold To # : 343492 Ship To # :2773332 Quote # : Sales Order # : 8497114

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location Safety Meeting	09/26/2011 15:50							
Crew Leave Location	09/26/2011 16:00							THANK YOU FROM HES AND CREW

Sold To # : 343492 Ship To # :2773332 Quote # : Sales Order # : 8497114

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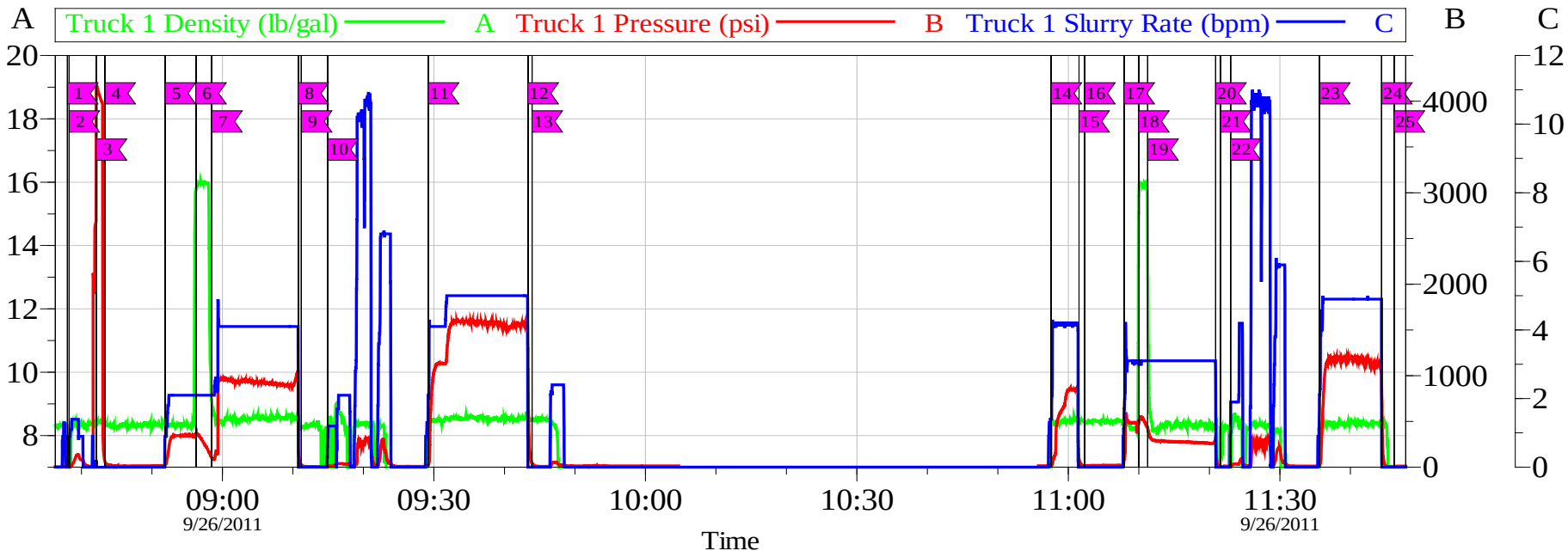
BILL BARRET MCKINNON 33-32-11-7 PTA PLUG 1&2



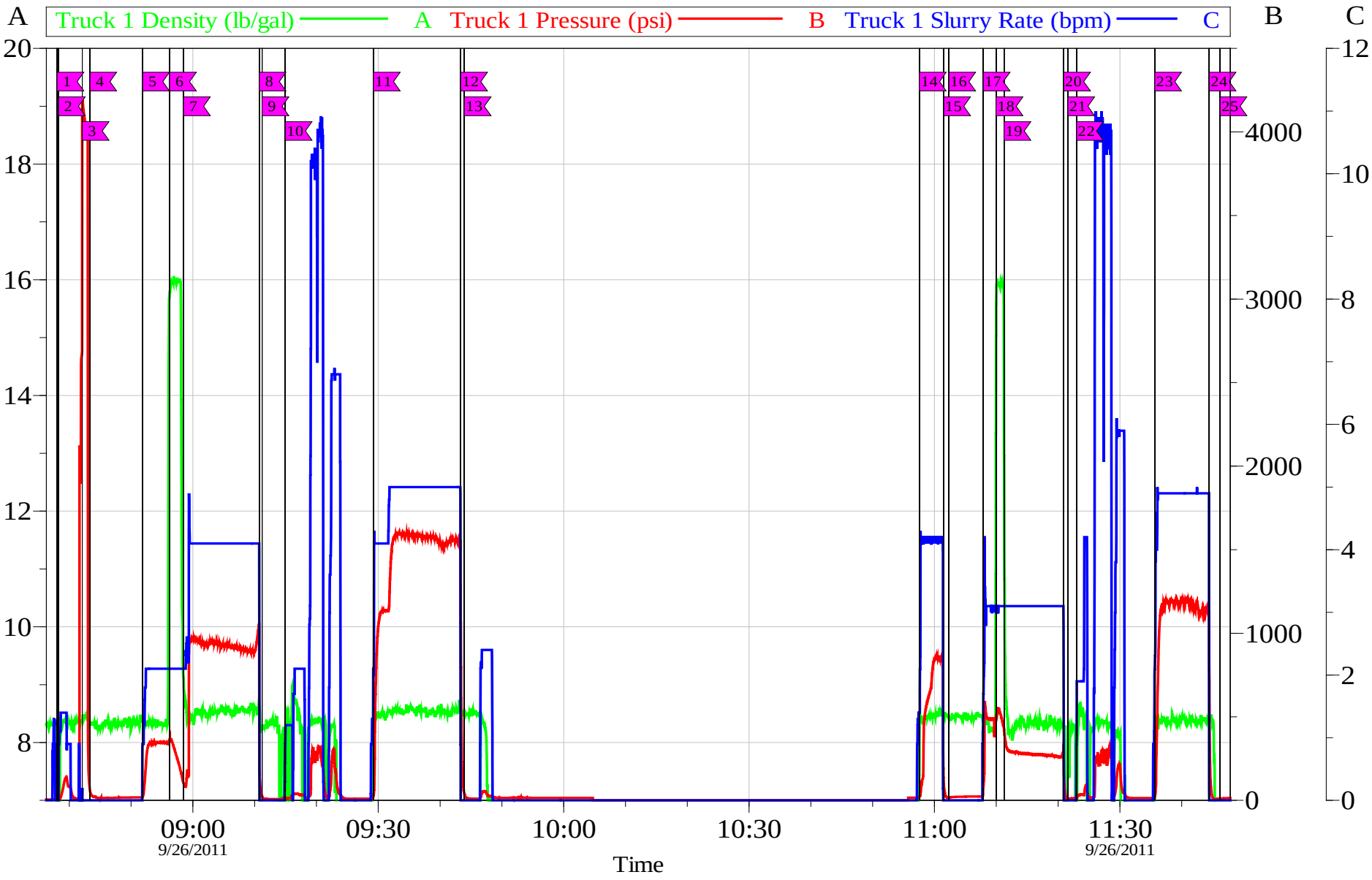
Local Event Log

	Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR
1	START JOB	08:38:01	8.270	5.000	0.000	2	PUMP WATER	08:38:15	8.282	4.000	0.000
3	TEST LINES	08:42:06	8.380	4203	0.094	4	MIX CEMENT	08:43:20	8.329	59.73	0.000
5	PUMP SPACER	08:51:53	8.365	21.50	0.900	6	PUMP CEMENT	08:56:14	15.76	365.1	2.100
7	PUMP DISPLACEMENT	08:58:29	9.119	102.9	2.100	8	SHUTDOWN	09:10:45	8.620	187.0	2.400
9	POOH	09:11:12	8.272	22.52	0.000	10	CLEAN LINES	09:14:57	-0.010	7.676	0.900
11	REVERSE OUT	09:29:13	8.130	27.18	2.056	12	SHUTDOWN	09:43:20	8.590	1065	0.000
13	POOH	09:43:55	8.480	42.00	0.000	14	FILL HOLE	10:57:34	8.030	24.00	1.400
15	SHUTDOWN	11:01:30	8.450	98.39	0.000	16	MIX CEMENT	11:02:19	8.420	15.00	0.000
17	PUMP FRESH WATER SPACER	11:07:53	8.410	72.00	1.400	18	PUMP CEMENT	11:09:59	15.04	486.0	3.000
19	PUMP DISPLACEMENT	11:11:16	12.95	421.0	3.100	20	SHUTDOWN	11:20:54	8.260	260.9	1.796
21	POOH	11:21:35	8.282	10.000	0.000	22	CLEAN LINES	11:22:59	-0.170	13.46	0.946
23	REVERSE OUT	11:35:39	7.748	20.75	2.100	24	SHUTDOWN	11:44:27	8.460	780.6	0.123
25	POOH	11:46:13	-0.220	11.00	0.000						

Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 13:52

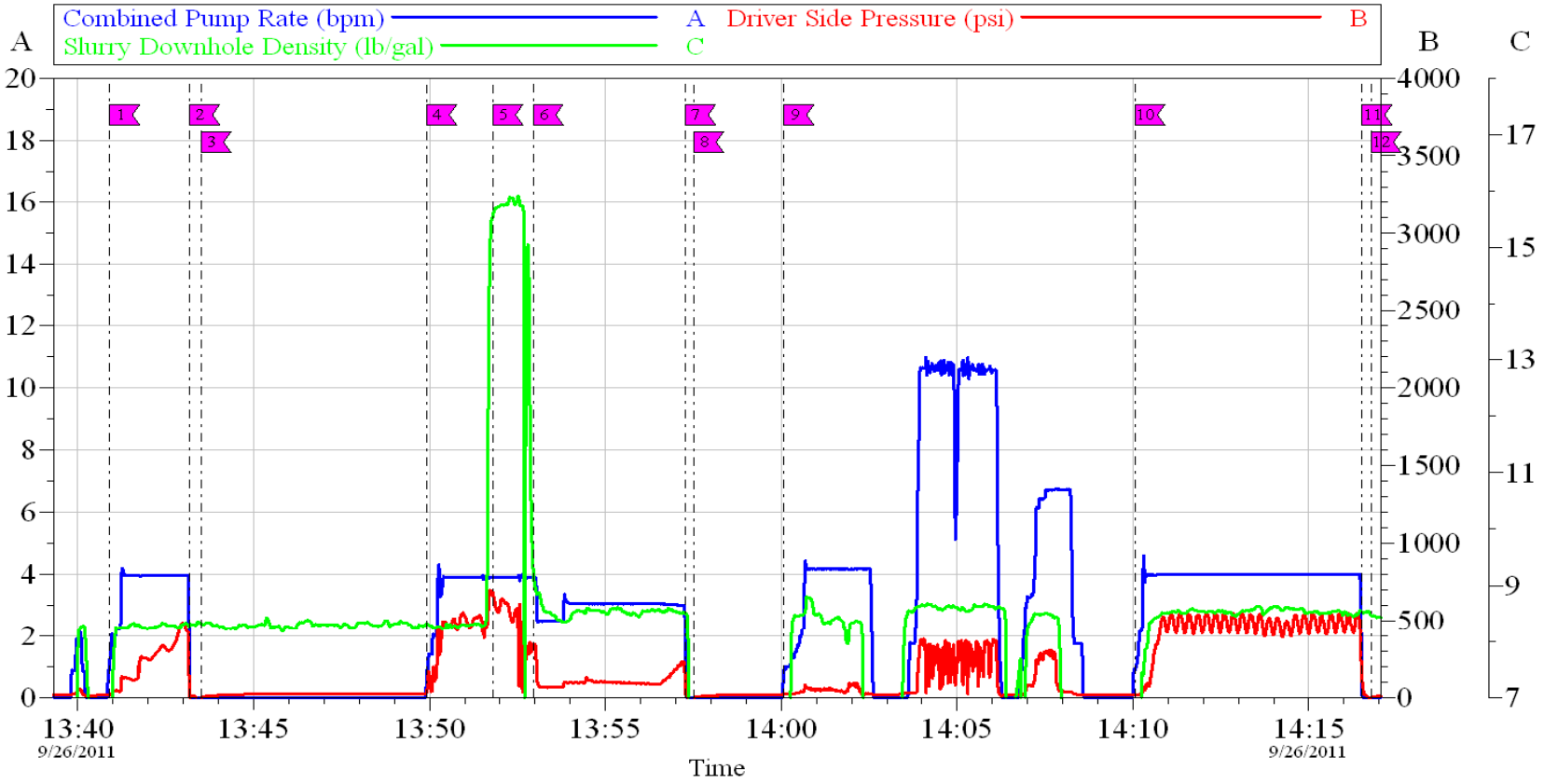
BILL BARRET MCKINNON 33-32-11-7 PTA PLUG 1&2



Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 13:54

BILL BARRET 33-32-11-7 PTA PLUG #3



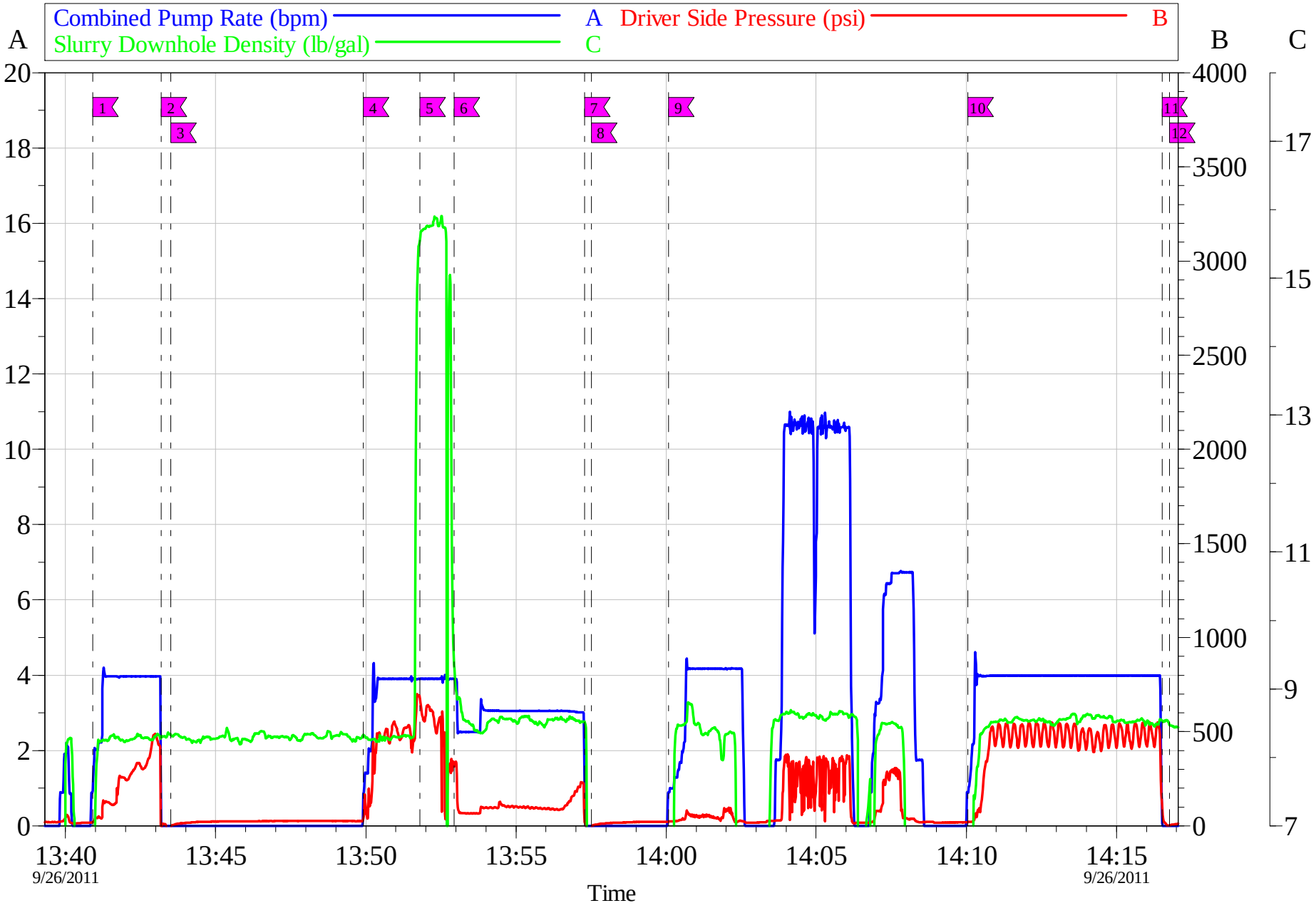
Local Event Log

	Intersection		CPR	DSP	SDD		Intersection		CPR	DSP	SDD		Intersection		CPR	DSP	SDD
1	LOAD HOLE	13:40:55	1.173	19.94	-0.093	2	SHUTDOWN	13:43:11	0.205	-14.47	8.298	3	MIX CEMENT	13:43:30	0.000	-0.080	8.322
4	PUMP WATER SPACER	13:49:55	0.860	39.02	8.326	5	PUMP CEMENT	13:51:48	3.911	677.2	15.55	6	PUMP DISPLACEMENT	13:52:57	3.903	332.4	9.291
7	SHUTDOWN	13:57:17	1.121	26.44	8.522	8	POOH	13:57:31	0.000	-1.017	0.266	9	CLEAN LINES	14:00:05	0.885	21.48	-0.065
10	REVERSE OUT	14:10:03	0.878	19.56	-0.049	11	SHUTDOWN	14:16:31	0.216	112.6	8.535	12	POOH	14:16:46	0.000	1.795	8.472

Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 14:24

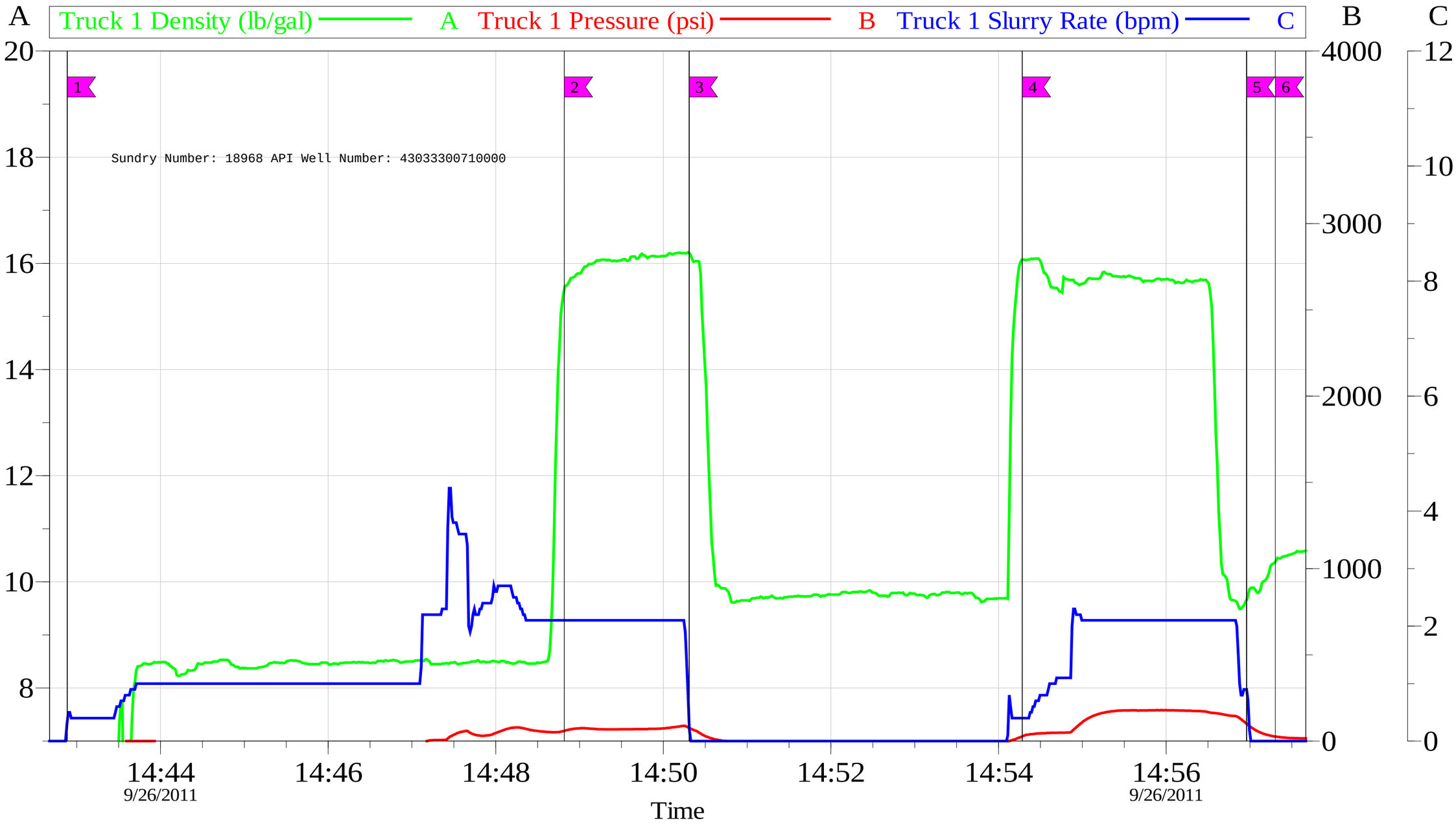
BILL BARRET 33-32-11-7 PTA PLUG #3



Customer:	BILL BARRET	Job Date:	26-Sep-2011	Sales Order #:	8497114
Well Description:	33-32-11-7	JOB TYPE	PTA	SUPERVISOR	TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 14:27

BILL BARRET 33-32-11-7 PTA PLUG #4



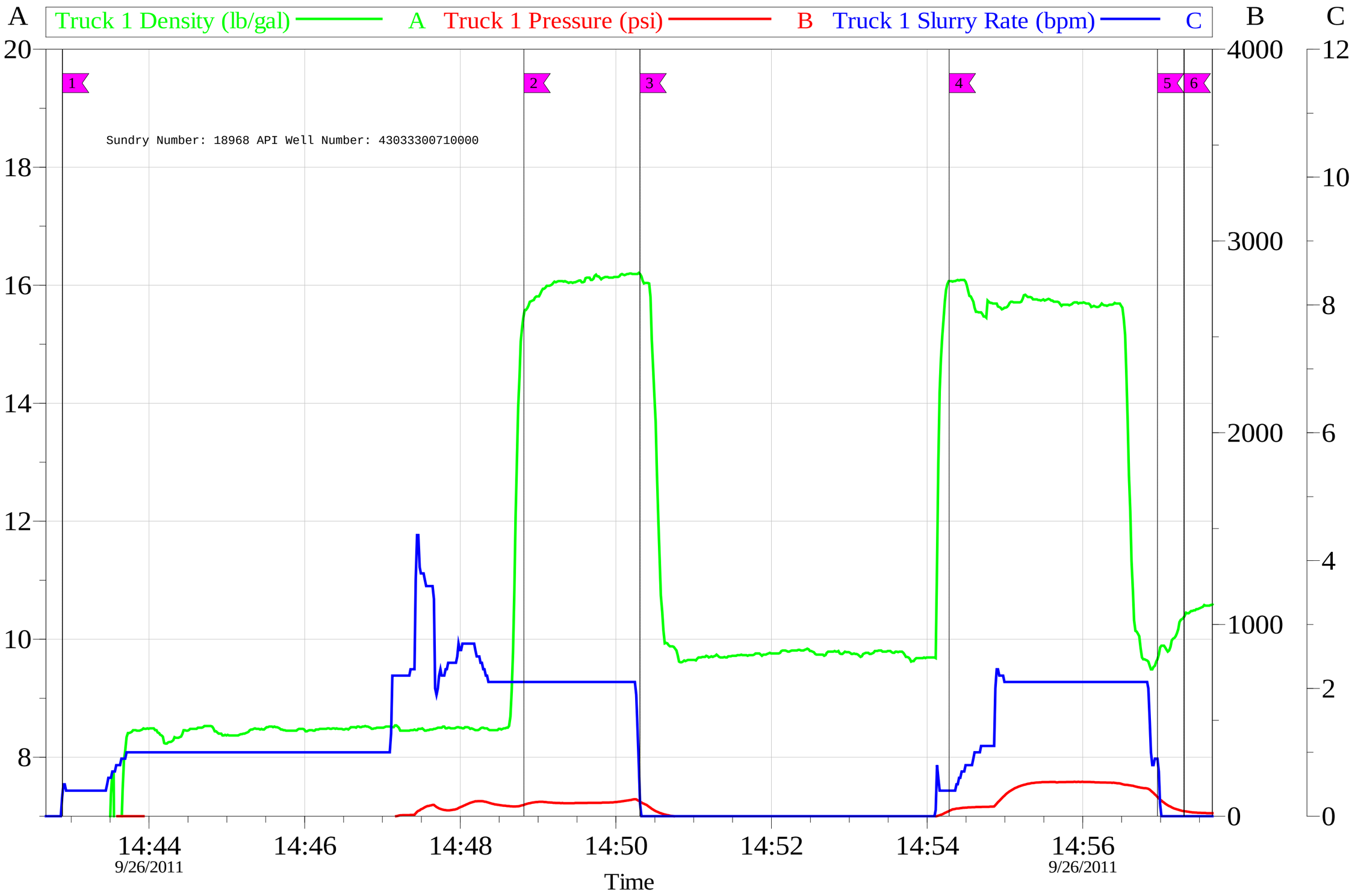
Local Event Log

	Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR
1	PUMP WATER	14:42:53	0.110	-5.000	0.338	2	PUMP TOP OUT	14:48:49	15.50	59.16	2.100	3	SHUTDOWN	14:50:19	16.19	76.64	0.295
4	PUMP TOP OUT	14:54:17	16.07	27.62	0.400	5	SHUTDOWN	14:56:58	9.659	100.1	0.900	6	END JOB	14:57:18	10.38	26.48	0.000

Customer:	BILL BARRET	Job Date:	26-Sep-2011	Sales Order #:	8497114
Well Description:	33-32-11-7	JOB TYPE	PTA	SUPERVISOR	TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 15:26

BILL BARRET 33-32-11-7 PTA PLUG #4



Customer:	BILL BARRET	Job Date:	26-Sep-2011	Sales Order #:	8497114
Well Description:	33-32-11-7	JOB TYPE	PTA	SUPERVISOR	TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 15:29

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Water Analysis Report

COMPANY:	BILL BARRET	**Date Recorded**	9/26/2011
SUBMITTED BY:	TRINITY LEATHAM	**SO#**	8497114
LEASE:	MCKINNON	**Job Type**	PTA
WELL #:	33-32-11-7	**Camp Location**	ROCK SPRINGS WY

CEMENT MIX WATER REQUIREMENTS

Item	Recorded Test Value	Max Acceptable Limit	Potential Problems in Exceeding Limit
pH	5	5 to 8.5	Chemicals in water can cause severe retardation
Chlorides[1,2]	0	3000 mg/L	Can accelerate the set time on cement 1% ~ 4800 mg/L
Total Alkalinity	180	1000 mg/L	Cement is greatly retarded to the point where it may not set up at all, decrease strength of cement and possibly thicken cement slurry. **(Typically occurs @ pH ≥ 8.3)**
Total Hardness	120	400 mg/L	Slightly shortens pump time on cement.
Sulfates	<200	1500 mg/L	Will greatly decrease the strength of cement
Iron	3	300 mg/L	Could cause gelation issues with cement
Water Temp	46°	50F to 80F	High temps will accelerate; Low temps may risk freezing in cold weather

NOTES:

1. If the water's pH is greater than or equal to 8, avoid using it since Magnesium may be present (there are no field test strips for Magnesium).

Submitted Respectfully by: _____

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CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
8497114	10	9/26/2011
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT PLUG TO ABANDON BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
BILL KELLY		43-033-30071
Well Name:		**Well Number:**
McKinnon		33-32-11-7
Well Type:	**Well Country:**	
Producing Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Utah	Rich

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

CATEGORY	CUSTOMER SATISFACTION RESPONSE	
Survey Conducted Date	**The date the survey was conducted**	**9/26/2011**
Survey Interviewer	**The survey interviewer is the person who initiated the survey.**	**TRINITY LEATHAM (HB27857)**
Customer Participation	**Did the customer partipcipate in this survey? (Y/N)**	**Yes**
Customer Representative	**Enter the Customer representative name**	**BILL KELLY**
HSE	**Was our HSE performance satisfactory? Circle Y or N**	**Yes**
Equipment	**Were you satisfied with our Equipment? Circle Y or N**	**Yes**
Personnel	**Were you satisfied with our people? Circle Y or N**	**Yes**
Customer Comment	**Customer's Comment**	**VERY GOOD JOB./ AND CREW**
Job DVA	**Did we provide job DVA above our normal service today? Circle Y or N**	**No**
Time	**Please enter hours in decimal format to nearest quarter hour.**	
Other	**Enter short text for other efficiencies gained.**	
Customer Initials	**Customer's Initials**	
Please provide details	**Please describe how the job efficiencies were gained.**	

CUSTOMER SIGNATURE

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CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
8497114	10	9/26/2011
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT PLUG TO ABANDON BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
BILL KELLY		43-033-30071
Well Name:		**Well Number:**
McKinnon		33-32-11-7
Well Type:	**Well Country:**	
Producing Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Utah	Rich

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	9/26/2011

Cementing KPI Survey	
Type of Job Select the type of job. (Cementing or Non-Cementing)	0
Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	Vertical
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	6
HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only.	No
Was the job purpose achieved? Was the job delivered correctly as per customer agreed design?	Yes
Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format.	4
Customer Non-Productive Rig Time (hrs) Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none.	0
Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On	Drilling Rig (Portable)
Number Of JSAs Performed Number Of Jsas Performed	6
Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time.	0
Was this a Primary Cement Job (Yes / No)	No

HALLIBURTON

CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
8497114	10	9/26/2011
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT PLUG TO ABANDON BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
BILL KELLY		43-033-30071
Well Name:		**Well Number:**
McKinnon		33-32-11-7
Well Type:	**Well Country:**	
Producing Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Utah	Rich

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
Was this a Plug or a Squeeze Job? Please select the appropriate choice	Yes
Was this a Primary or a Remedial Job? Kick off plug, Plug to Abadon, LCM plug or Planed Liner Top Squeeze, Squeeze of existing perforations, Squeeze of casing leak	No
Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cment mixed at designed density divided by total BBLs of cement multiplied by 100	98
Was Automated Density Control Used? Was Automated Density Control (ADC) Used ?	Yes
Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100	98
Nbr of Remedial Sqz Jobs Rqd - Competition Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition	0
Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0

Daily Completion and Workover (legal size)

Bill Barrett Corporation

Well Name: McKinnon 33-32-11-7

Report # 86.0, Report Date: 9/23/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Jobs

Job Category	Primary Job Type	Start Date	End Date
D & C	Drilling & Completion	3/30/2010	5/15/2010

Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)
		15635D	3,323,759.00	4,528,894.97	4,461,427.95	-1,205,135.97	9,970.00

Daily Operations

Report Start Date	Report End Date	Weather	Temperature (°F)	Road Condition
9/23/2011	9/24/2011	Clear	27.0	Good

24 Hour Summary

Consulted with State of Utah, and landowner; of P and A work. MI 3 loads of rig equipment. MI, and set 1- 500 bbl work tank, and 1- 400 bbl open top. Hauled in 3% KCL work/packer fluid for plug spacer. Loader, port-a-john, and trash basket was moved in.
Work string was hauled from Casper, to Evanston.

Operations Next Report Period

Finish MI, and RU completion rig, and equipment. Unload BOPE stack, and NU. Psi test casing. Unload work string. Prep tubing equipment.

Daily Contacts

Contact Name	Office
Bill Kelly	307-360-6266

Daily Time Breakdown

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	15:00	9.00	9.00	SRIG	Rig Up/Down	Completions, Initial Completion		Consulted with State of Utah, and landowner; of P and A work. MI 3 loads of rig equipment. MI, and set 1- 500 bbl work tank, and 1- 400 bbl open top. Hauled in 3% KCL work/packer fluid for plug spacer. Loader, port-a-john, and trash basket was moved in. Work string was hauled from Casper, to Evanston.
15:00	06:00	15.00	24.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		WSI. Operations SDFN.

Safety Checks

Time	Des	Type	Com

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages

<typ> on <dttm>

Date	Zone	Type	Stim/Treat Company

Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	Start Date	Cement Comp

Daily Completion and Workover (legal size)

Bill Barrett Corporation

Well Name: McKinnon 33-32-11-7

Report # 87.0, Report Date: 9/24/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Jobs

Job Category	Primary Job Type	Start Date	End Date
D & C	Drilling & Completion	3/30/2010	5/15/2010

Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)
		15635D	3,323,759.00	4,528,894.97	4,461,427.95	-1,205,135.97	9,970.00

Daily Operations

Report Start Date	Report End Date	Weather	Temperature (°F)	Road Condition
9/24/2011	9/25/2011	Clear	21.0	Good

24 Hour Summary
Spot catwalk, and racks. Unload 304 jts of 2-7/8 6.5# P-110 EUE 8rd (re-conditioned). Unload Knight BOPE stack. MI, and spot rig. ND night cap. NU BOPE stack. Load casing, and psi test to 3000#, on chart. RU rig, work floor, and tubing equipment. Prep top row of tubing. SDFN.

Operations Next Report Period
Single in with work string, and tag cement plug @ 9150' + or -. LD to first cement plug.

Daily Contacts

Contact Name	Office
Bill Kelly	307-360-6266

Daily Time Breakdown

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	07:00	1.00	1.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		WSI. Operations SDFN.
07:00	10:00	3.00	4.00	SRIG	Rig Up/Down	Completions, Initial Completion		Spot catwalk/racks, and RU mat. Unload Knight BOPE stack, and accumulator, off Legend Trucking. Unload 304 jts of 2-7/8 6.5# P-110 EUE 8rd (re-conditioned from Tubescope yard/Casper) off Schwitzers Trucking.
10:00	10:15	0.25	4.25	SMTG	Safety Meeting	Completions, Initial Completion		Sherwood Rig #2, arrived on location. Filled out JSA, and had safety meeting with contractors on location. Discussed operations for today. Job assignments, spotting trucks, pinch points, BBC requirements, psi test, and communication.
10:15	12:45	2.50	6.75	SRIG	Rig Up/Down	Completions, Initial Completion		MIRU IPS Test truck. ND 7-1/16 10M x 2-1/16 10M night cap. NU Knight 7-1/16 10M Cameron double BOPE (2-7/8 pipe rams; CSO/blind rams); 7-1/16 10M x 5M DSA, Shafer 7-1/16 5M annular. RU rig, pump/flat tank, and hardlines. Function test rams.
12:45	13:45	1.00	7.75	PTST	Pressure Test	Completions, Initial Completion		Load hole with 3% KCL work fluid. Started to psi test, and had bad grease zerk, on casing valve. ND 1-13/16 10M casing valve. NU companion flange. Psi test casing to 3000#, and held 30 minutes; on chart. Bleed to 0#. RD IPS.
13:45	17:00	3.25	11.00	SRIG	Rig Up/Down	Completions, Initial Completion		RU rig, and position over hole. Prep top row of work string. RU work floor, pick-up line, and tubing equipment. SDFN.
17:00	06:00	13.00	24.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Crew travel to Evanston, Wyoming.

Safety Checks

Time	Des	Type	Com

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages

<typ> on <dttm>

Date	Zone	Type	Stim/Treat Company

Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	Start Date	Cement Comp

Daily Completion and Workover (legal size)

Bill Barrett Corporation

Well Name: McKinnon 33-32-11-7

Report # 88.0, Report Date: 9/25/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Jobs

Job Category	Primary Job Type	Start Date	End Date
D & C	Drilling & Completion	3/30/2010	5/15/2010

Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)
		15635D	3,323,759.00	4,528,894.97	4,461,427.95	-1,205,135.97	9,970.00

Daily Operations

Report Start Date	Report End Date	Weather	Temperature (°F)	Road Condition
9/25/2011	9/26/2011	Clear	37.0	Good

24 Hour Summary	Operations Next Report Period
Single in hole with 297 jts of 2-7/8 work string. Tag up @ 9134'. Break circulation. LD 23 jts. SWI, and secure. EOT @ 8449.66'. Ready for cement in AM. State of Utah was notified.	MIRU HES cement equipment. Spot 20 sack plugs @ 8449.66', 5520.95', 2564.59', and 191.05'.

Daily Contacts

Contact Name	Office
Bill Kelly	307-360-6266

Daily Time Breakdown

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	07:00	1.00	1.00	CTRL	Crew Travel	Completions, Initial Completion		WSI. Crew travel to location. Service, and start equipment.
07:00	07:15	0.25	1.25	SMTG	Safety Meeting	Completions, Initial Completion		Safety meeting with rig crew. Discuss operations for today, pinch points, picking up tubing, LD tubing, and communication.
07:15	12:30	5.25	6.50	RUTB	Run Tubing	Completions, Initial Completion		PU, and single in hole with 297 jts of 2-7/8 6.5# P-110 EUE 8rd (re-conditioned) work string. All jts were drifted. Tag up @ 9134', with jt #297. LD 1 jt.
12:30	13:30	1.00	7.50	CLN	Clean Out Hole	Completions, Initial Completion		RU hardline to circulate. Break circulation, conventional, and pump 5 bbls fluid @ 3 bpm. Insuring tubing was not plugged, after tagging cement plug on top of CICR. RD hardline.
13:30	15:00	1.50	9.00	PULT	Pull Tubing	Completions, Initial Completion		LD 23 jts. SWI, and secure. EOT @ 8449.66'. Ready for cement in AM. State of Utah was notified.
15:00	06:00	15.00	24.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Operations SDFN. Crew travel to Evanston, Wyoming.

Safety Checks

Time	Des	Type	Com

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages

<typ> on <dttm>

Date	Zone	Type	Stim/Treat Company

Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	Start Date	Cement Comp

Bill Barrett Corporation — Daily Completion and Workover (legal size)

Well Name: McKinnon 33-32-11-7

Report # 89.0, Report Date: 9/26/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Jobs

Job Category	Primary Job Type	Start Date	End Date
D & C	Drilling & Completion	3/30/2010	5/15/2010

Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)
		15635D	3,323,759.00	4,528,894.97	4,461,427.95	-1,205,135.97	9,970.00

Daily Operations

Report Start Date	Report End Date	Weather	Temperature (°F)	Road Condition
9/26/2011	9/27/2011	Clear	30.0	Good

24 Hour Summary

MIRU HES cement equipment. Prime pump, and psi test. Pump 1st balanced cement plug @ 8450'. LD 7 jts. Reverse out clean. LD 88 jts to next plug. Pump 2nd balanced cement plug @ 5521'. LD 7 jts. Reverse out clean. LD 89 jts to next plug. Pump 3rd balanced cement plug @ 2565'. LD 7 jts. Reverse out clean. LD 70 jts to next plug. Pump 4th balanced cement plug @ 191'. LD 6 jts. Wash wellhead, pump, and lines clean. RD HES. RD tubing equipment, work floor, and annular. SDFN.

Operations Next Report Period

RD BOPE, and tubing head. RD rig, and package. Dig out wellhead, rat/mouse holes. Top off surface plug. Well on dry hole cap/plate. Dig out guyline anchors. Bury wellhead. Move rig to Big Piney.

Daily Contacts

Contact Name	Office
Bill Kelly	307-360-6266

Daily Time Breakdown

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	07:00	1.00	1.00	CTRL	Crew Travel	Completions, Initial Completion		Crew travel from Evanston, Wyoming to location. Service, and start equipment.
07:00	08:15	1.25	2.25	SRIG	Rig Up/Down	Completions, Initial Completion		MI, spot, and RU HES cement equipment. RU cement manifold, and hardline. Prime pumps, and psi test to 3000#. Spot in MSOS water truck.
08:15	08:30	0.25	2.50	SMTG	Safety Meeting	Completions, Initial Completion		Safety meeting with contractors on location. Discuss operations for today, job assignments, pinch points, psi, LD tubing, emergency responce, communication.
08:30	09:15	0.75	3.25	CEMT	Cement Squeeze	Completions, Initial Completion		Pump 10 bbls of mud flush, 20 sacks of 15.8# Mountain "G" cement. Displace with 47 bbls work fluid. Placed bottom of 185' cement plug @ 8450'.
09:15	09:45	0.50	3.75	CTU	Clean Out	Completions, Initial Completion		LD 7 jts of 2-7/8 work string. Reverse out @ 5 bpm, for 50 bbls; with 3% KCL/Cortron R2383 packer fluid.
09:45	11:00	1.25	5.00	PULT	Pull Tubing	Completions, Initial Completion		TOOH, LD, with 88 jts of 2-7/8 work string.
11:00	11:30	0.50	5.50	CEMT	Cement Squeeze	Completions, Initial Completion		Pump 5 bbls of fresh water, 20 sacks of 15.8# Mountain "G" cement. Displace with 30 bbls work fluid. Placed bottom of 185' cement plug @ 5521'.
11:30	12:00	0.50	6.00	CTU	Clean Out	Completions, Initial Completion		State of Utah representatives, arrived on location. LD 7 jts of 2-7/8 work string. Reverse out @ 5 bpm, for 35 bbls; with 3% KCL/Cortron R2383 packer fluid.
12:00	13:00	1.00	7.00	PULT	Pull Tubing	Completions, Initial Completion		TOOH, LD, with 89 jts of 2-7/8 work string.
13:00	13:30	0.50	7.50	CEMT	Cement Squeeze	Completions, Initial Completion		Pump 5 bbls of fresh water, 20 sacks of 15.8# Mountain "G" cement. Displace with 13.5 bbls work fluid. Placed bottom of 185' cement plug @ 2565'.
13:30	13:45	0.25	7.75	CTU	Clean Out	Completions, Initial Completion		LD 7 jts of 2-7/8 work string. Reverse out @ 5 bpm, for 18 bbls; with 3% KCL/Cortron R2383 packer fluid.
13:45	15:00	1.25	9.00	PULT	Pull Tubing	Completions, Initial Completion		TOOH, LD, with 70 jts of 2-7/8 work string.
15:00	15:15	0.25	9.25	CEMT	Cement Squeeze	Completions, Initial Completion		Pump 5 bbls of fresh water, 20 sacks of 15.8# Mountain "G" cement. Circulated cement back to surface. Placed bottom of cement plug @ 191'.
15:15	15:30	0.25	9.50	PULT	Pull Tubing	Completions, Initial Completion		TOOH, LD, with 6 jts of 2-7/8 work string.
15:30	16:30	1.00	10.50	SRIG	Rig Up/Down	Completions, Initial Completion		Shut blind rams, and wash wellhead, pump, and lines clean with fresh water. RD, and package out HES equipment. Move equipment to Rock Springs, Wyoming.
16:30	17:30	1.00	11.50	SRIG	Rig Up/Down	Completions, Initial Completion		RD tubing equipment, work floor, and ND annular. Partially RD pump. Move catwalk. Secure well. SDFN.
17:30	06:00	12.50	24.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Crew travel to Evanston, Wyoming.

Safety Checks

Time	Des	Type	Com

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages

<typ> on <dttm>

Date	Zone	Type	Stim/Treat Company

Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Well Name: McKinnon 33-32-11-7

Report # 89.0, Report Date: 9/26/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	Start Date	Cement Comp

Sundry Number: 18968 API Well Number: 43033300710000

RECEIVED

Sep. 29, 2011

Bill Barrett Corporation — Daily Completion and Workover (legal size)

Well Name: McKinnon 33-32-11-7

Report # 90.0, Report Date: 9/27/2011
Phase: Completions, Initial Completion

Well Name	API/UWI	License #	Extra Well ID B	Operator	Govt Authority
McKinnon 33-32-11-7	43 033 36071		15635D	Bill Barrett Corporation	State of Utah
Well Configuration Type	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Regulatory Drilling Spud Date**	**Regulatory Rig Release Date**
Vertical	6,283.00	6,267.00	16.00	3/29/2010 22:00	5/15/2010 18:00
Surface Legal Location	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Lat/Long Datum**
2566' FSL 2568' FEL, NW SE, Sec. 32, T11N R7E Rich Co, Utah					

Jobs

Job Category	Primary Job Type	Start Date	End Date
D & C	Drilling & Completion	3/30/2010	5/15/2010

Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)
		15635D	3,323,759.00	4,528,894.97	4,461,427.95	-1,205,135.97	9,970.00

Daily Operations

Report Start Date	Report End Date	Weather	Temperature (°F)	Road Condition
9/27/2011	9/28/2011	Clear	30.0	Good

24 Hour Summary
ND BOPE, and package accumulator. ND tubing head. RD rig, and package out. Dig out guyline anchors, and cut-off, below ground level. Utah State representative was on location. Dig out rat/mouse holes, and cellar ring. Dig to below conductor. Drop 5-1/2 casing, and cut-off surface head. Dress casing for dryhole plate. Top out 5-1/2 and 5-1/2 x 9-5/8 surface plugs with 14 sacks of cement. Weld on marker. OK'ed by State. Backfilled. Hauling fluid to R and G Pit disposal. Move rig to Casper, for mechanic work.

Operations Next Report Period
Release rentals, and start moving off location. Load out tubing, for Bliss location. Finish hauling work fluid from reserve pit, and tanks.

Daily Contacts

Contact Name	Office
Bill Kelly	307-360-6266

Daily Time Breakdown

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	07:00	1.00	1.00	CTRL	Crew Travel	Completions, Initial Completion		Crew travel from Evanston, Wyoming to location. Service, and start equipment.
07:00	16:00	9.00	10.00	RWHD	Remove Wellhead	Completions, Initial Completion		ND BOPE, and package accumulator. ND tubing head. RD rig, and package out. Dig out guyline anchors, and cut-off, below ground level. Utah State representative was on location. Dig out rat/mouse holes, and cellar ring. Dig to below conductor. Drop 5-1/2 casing, and cut-off surface head. Dress casing for dryhole plate. Top out 5-1/2 and 5-1/2 x 9-5/8 surface plugs with 14 sacks of cement. Weld on marker. OK'ed by State. Backfilled. Mountain States Oilfield is hauling fluid to R and G Pit disposal. Move rig to Casper, for mechanic work.
16:00	06:00	14.00	24.00	GOP	General Operations	Completions, Initial Completion		Operations SDFN.

Safety Checks

Time	Des	Type	Com

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages

<typ> on <dttm>

Date	Zone	Type	Stim/Treat Company

Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	Start Date	Cement Comp

HALLIBURTON

CONFIDENTIAL

BILL BARRETT CORPORATION E-BILL

43 033 30071
11N 7E 32

McKinnon 33-32-11-7
WILDCAT
Rich County , Utah

Plug to Abandon Service

26-Sep-2011

Job Site Documents

BLM/STATE COPY

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2773332	**Quote #:**	**Sales Order #:** 8497114
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Workover, .	
Well Name: McKinnon	**Well #:** 33-32-11-7		**API/UWI #:** 43-033-30071
Field: WILDCAT	**City (SAP):** RANDOLPH	**County/Parish:** Rich	**State:** Utah
Legal Description: Section 32 Township 11N Range 7E			
Contractor: Bill Berret	**Rig/Platform Name/Num:** Workover		
Job Purpose: Plug to Abandon Service			
Well Type: Producing Well	**Job Type:** Plug to Abandon Service		
Sales Person: FLING, MATTHEW	**Srvc Supervisor:** LEATHAM, TRINITY	**MBU ID Emp #:** 460857	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FRICKEY, DYLAN McKay	9	494086	LEATHAM, TRINITY Paul	9	460857	MARTINEZ, FRANCISCO J	9	458086
MARTINZ, JAMES D	9	503651	OVITT, RUSSELL D	9	472949			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
11127552	150 mile	11127999	150 mile	11337601	150 mile	11501579	150 mile
3993	150 mile						

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
9-26-2011	9	6						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	8450. ft	**Job Depth TVD**			
Water Depth		**Wk Ht Above Floor**	4. ft		
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out	26 - Sep - 2011	02:00	MST
On Location	26 - Sep - 2011	07:00	MST
Job Started	26 - Sep - 2011	08:38	MST
Job Completed	26 - Sep - 2011	14:57	MST
Departed Loc	26 - Sep - 2011	16:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Cement Plug								0	191		
Cement Plug								2380	2565		
Cement Plug								5336	5521		
Cement Plug								8265	8450		
Production Casing	Unknown		5.5	4.778	20.			.	9655.		
Surface Casing	Unknown		9.625	8.921	36.			.	2527.		
Tubing	Unknown		2.875	2.441	6.5		P-110	.	8530.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		*Conc*	%
Treatment Fld		Conc		*Inhibitor*		Conc		Sand Type		*Size*		*Qty*	

HALLIBURTON

Cementing Job Summary

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.97**	**2**	**4.97**
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.1 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.25 %	HR-5, 50 LB SK (100005050)							
	4.97 Gal	FRESH WATER							
2	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.97**	**3**	**4.97**
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.1 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.15 %	HR-5, 50 LB SK (100005050)							
	4.974 Gal	FRESH WATER							
3	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.15**	**4.98**	**4**	**4.98**
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.1 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	4.981 Gal	FRESH WATER							
4	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**20.0**	**sacks**	**15.8**	**1.17**	**5.02**	**2**	**5.02**
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	5.019 Gal	FRESH WATER							
5	**Mountain G**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**		**sacks**	**15.8**	**1.17**	**5.02**	**2**	**5.02**
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	5.019 Gal	FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement		**Shut In: Instant**		**Lost Returns**		*Cement Slurry*	20	**Pad**	
Top Of Cement	SURFACE	**5 Min**		**Cement Returns**	3	**Actual Displacement**		**Treatment**	
Frac Gradient		**15 Min**		**Spacers**		**Load and Breakdown**		**Total Job**	294

Rates

Circulating		*Mixing*		*Displacement*		**Avg. Job**	

Cement Left In Pipe	**Amount**	***0 ft***	*Reason*	***Shoe Joint***

Frac Ring # 1 @		*ID*		*Frac ring # 2 @*		*ID*		*Frac Ring # 3 @*		*ID*		*Frac Ring # 4 @*		*ID*	

The Information Stated Herein Is Correct	***Customer Representative Signature*** 9/26/2011

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2773332	**Quote #:**	**Sales Order #:** 8497114
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Workover, .	
Well Name: McKinnon	**Well #:** 33-32-11-7		**API/UWI #:** 43-033-30071
Field: WILDCAT	**City (SAP):** RANDOLPH	**County/Parish:** Rich	**State:** Utah
Legal Description: Section 32 Township 11N Range 7E			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Bill Berret	**Rig/Platform Name/Num:** Workover		
Job Purpose: Plug to Abandon Service			**Ticket Amount:**
Well Type: Producing Well	**Job Type:** Plug to Abandon Service		
Sales Person: FLING, MATTHEW	**Srvc Supervisor:** LEATHAM, TRINITY		**MBU ID Emp #:** 460857

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/26/2011 02:00							CREW CALLED OUT ON BILL BARRET, MCKINNON, 33-32-11-7, PTA. REQUESTED ON LOCATION 9-26-2011, @ 0700.
Depart Yard Safety Meeting	09/26/2011 03:50							
Crew Leave Yard	09/26/2011 04:00							
Arrive At Loc	09/26/2011 07:00							
Assessment Of Location Safety Meeting	09/26/2011 07:05							
Pre-Rig Up Safety Meeting	09/26/2011 07:10							
Rig-Up Equipment	09/26/2011 07:15							
Pre-Job Safety Meeting	09/26/2011 08:30							WITH HES, CO-MAN, AND RIG CREW
Start Job	09/26/2011 08:38	1						TUBING SET AT 8450'
Pump Water	09/26/2011 08:38	2	2	2	2		4.0	
Test Lines	09/26/2011 08:42	3						
Other	09/26/2011 08:43	4						MIX CEMENT
Pump Spacer	09/26/2011 08:51	5	2	10	12		21.0	MUD FLUSH III
Pump Cement	09/26/2011 08:56	6	2	4	16		365.0	20 SKS MOUNTAIN G-PLUG 1, MIXED @ 15.8 PPG, 1.15 YLD, 4.95 GAL/SK. SET 185' CEMENT PLUG FROM 8450' TO 8265'

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	09/26/2011 08:58	7	4	48	64		102.0	3% KCL WATER
Shutdown	09/26/2011 09:10	8						
Check Weight (Pull Out Of Hole)	09/26/2011 09:11	9						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 09:14	10						
Reverse Circ Well	09/26/2011 09:29	11	5	72	136		27.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 09:43	12						
Check Weight (Pull Out Of Hole)	09/26/2011 09:43	13						RIG PULLED 88 JOINTS TO 5521'
Load Casing	09/26/2011 10:57	14	3	10	146		24.0	
Shutdown	09/26/2011 11:01	15						
Other	09/26/2011 11:02	16						MIX CEMENT
Pump Spacer	09/26/2011 11:07	17	3	5	151		72.0	PUMP FRESH WATER SPACER
Pump Cement	09/26/2011 11:09	18	3	4	155		486.0	20 SKS MOUNTAIN G-PLLUG 2 MIXED @ 15.8 PPG, 1.15 YLD, 4.96 GAL/SK. SET 185' CEMENT PLUG FROM 5521' TO 5336'
Pump Displacement	09/26/2011 11:11	19	3	30	185		421.0	
Shutdown	09/26/2011 11:20	20						
Check Weight (Pull Out Of Hole)	09/26/2011 11:21	21						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 11:22	22						
Reverse Circ Well	09/26/2011 11:35	23	5	44	229		1180.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 11:44	24						
Check Weight (Pull Out Of Hole)	09/26/2011 11:46	25						RIG PULLED 89 JOINTS TO 2565'
Load Casing	09/26/2011 13:40	1	4	9	238		20.0	
Shutdown	09/26/2011 13:43	2						

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	09/26/2011 13:43	3						MIX CEMENT
Pump Spacer	09/26/2011 13:49	4	4	5	243		39.0	
Pump Cement	09/26/2011 13:51	5	4	4	247		677.0	20 SKS MOUNTAIN G-PLUG 3 MIXED @ 15.8 PPG, 1.15 YLD, 4.97 GAL/SK. SET 185' CEMENT PLUG FROM 2565' TO 2380'.
Pump Displacement	09/26/2011 13:52	6	3	14	261		332.0	3% KCL WATER
Shutdown	09/26/2011 13:57	7						
Check Weight (Pull Out Of Hole)	09/26/2011 13:57	8						RIG PULLED 7 JOINTS, TUBING PULLED DRY
Clean Lines	09/26/2011 14:00	9						
Reverse Circ Well	09/26/2011 14:10	10	4	20	281		20.0	3% KCL WATER. TRACES OF CEMENT TO SURFACE
Shutdown	09/26/2011 14:16	11						
Check Weight (Pull Out Of Hole)	09/26/2011 14:16	12						RIG PULLED 70 JOINTS UP TO 191'.
Pump Water	09/26/2011 14:42	1	1	5	286		75	
Pump Cement	09/26/2011 14:48	2	2	4	290		60	20 SKS MOUNTAIN G-PLUG 4 MIXED @ 15.8 PPG, 1.16 YLD, 4.99 GAL/SK.
Shutdown	09/26/2011 14:50	3						
Pump Cement	09/26/2011 14:54	4	2	4	294		28	20 SKS MOUNTAIN G-TOP OUT MIXED @ 15.8 PPG, 1.16 YLD, 4.99 GAL/SK. CIRCULATED 3 BBLS. GOOD CEMENT TO SURFACE.
Shutdown	09/26/2011 14:56	5						
End Job	09/26/2011 14:57	6						
Pre-Rig Down Safety Meeting	09/26/2011 15:00							
Rig-Down Equipment	09/26/2011 15:10							

Sold To # : 343492 Ship To # :2773332 Quote # : Sales Order # : 8497114

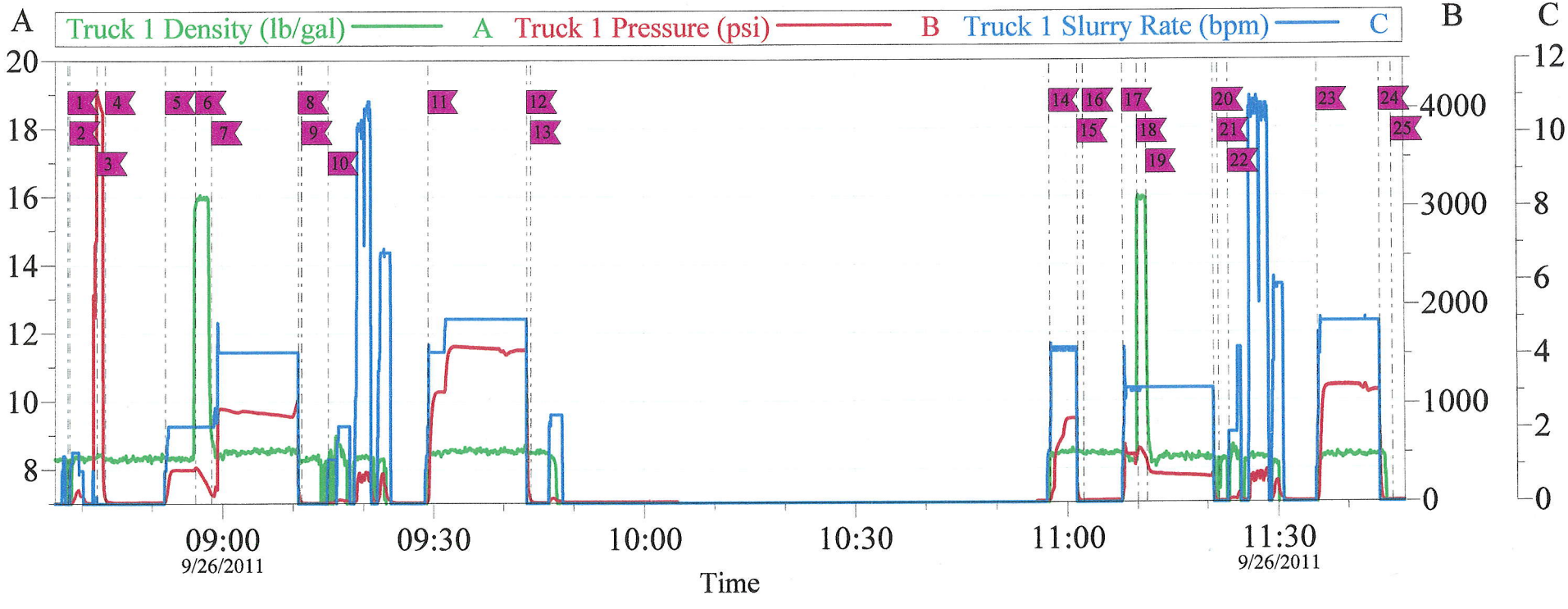
SUMMIT Version: 7.2.27 Monday, September 26, 2011 03:40:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location Safety Meeting	09/26/2011 15:50							
Crew Leave Location	09/26/2011 16:00							THANK YOU FROM HES AND CREW

BILL BARRET MCKINNON 33-32-11-7 PTA PLUG 1&2



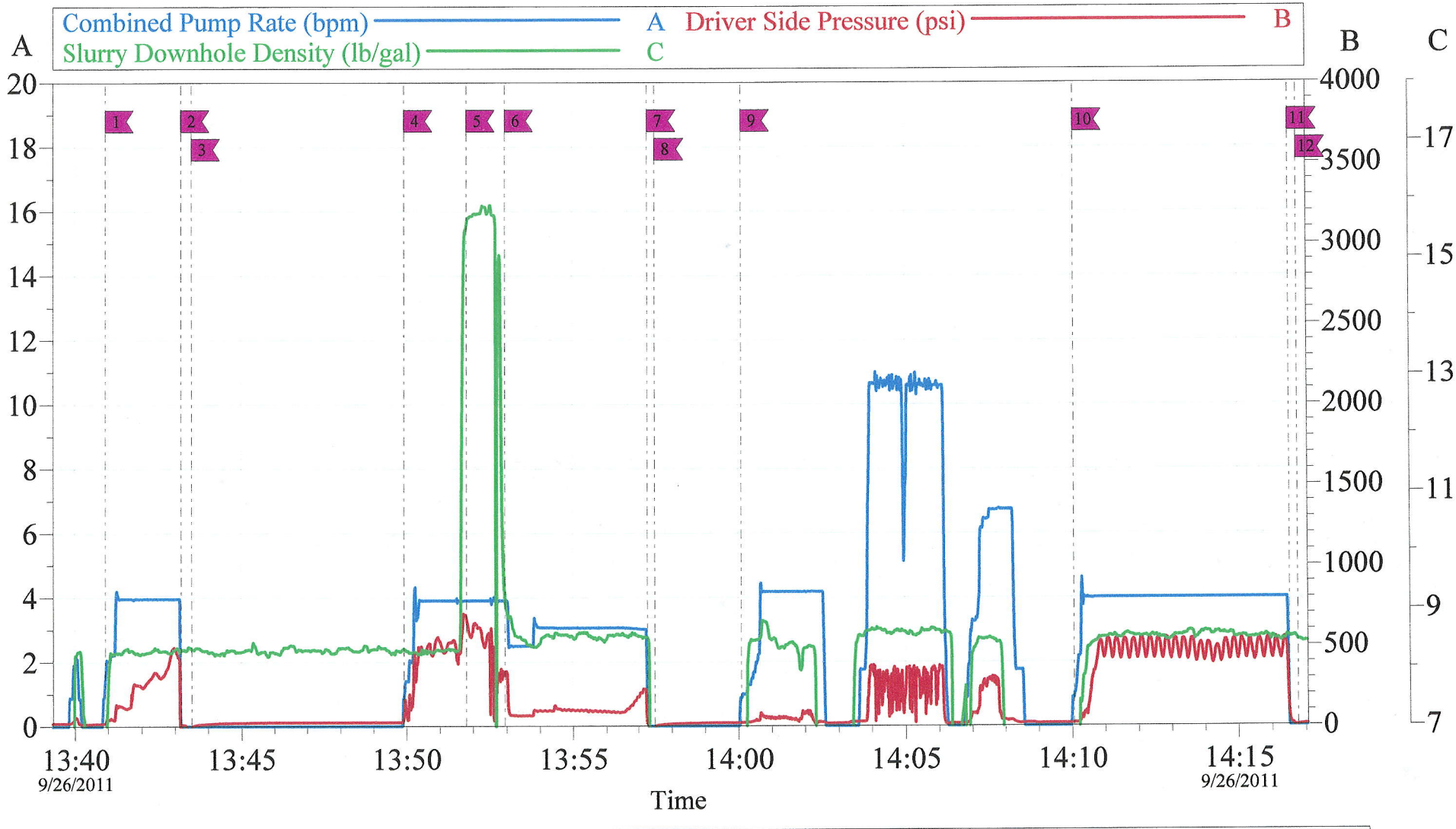
Local Event Log

	Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR
1	START JOB	08:38:01	8.270	5.000	0.000	2	PUMP WATER	08:38:15	8.282	4.000	0.000
3	TEST LINES	08:42:06	8.380	4203	0.094	4	MIX CEMENT	08:43:20	8.329	59.73	0.000
5	PUMP SPACER	08:51:53	8.365	21.50	0.900	6	PUMP CEMENT	08:56:14	15.76	365.1	2.100
7	PUMP DISPLACEMENT	08:58:29	9.119	102.9	2.100	8	SHUTDOWN	09:10:45	8.620	187.0	2.400
9	POOH	09:11:12	8.272	22.52	0.000	10	CLEAN LINES	09:14:57	-0.010	7.676	0.900
11	REVERSE OUT	09:29:13	8.130	27.18	2.056	12	SHUTDOWN	09:43:20	8.590	1065	0.000
13	POOH	09:43:55	8.480	42.00	0.000	14	FILL HOLE	10:57:34	8.030	24.00	1.400
15	SHUTDOWN	11:01:30	8.450	98.39	0.000	16	MIX CEMENT	11:02:19	8.420	15.00	0.000
17	PUMP FRESH WATER SPACER	11:07:53	8.410	72.00	1.400	18	PUMP CEMENT	11:09:59	15.04	486.0	3.000
19	PUMP DISPLACEMENT	11:11:16	12.95	421.0	3.100	20	SHUTDOWN	11:20:54	8.260	260.9	1.796
21	POOH	11:21:35	8.282	10.000	0.000	22	CLEAN LINES	11:22:59	-0.170	13.46	0.946
23	REVERSE OUT	11:35:39	7.748	20.75	2.100	24	SHUTDOWN	11:44:27	8.460	780.6	0.123
25	POOH	11:46:13	-0.220	11.00	0.000						

Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 13:52

BILL BARRET 33-32-11-7 PTA PLUG #3



Local Event Log

	Intersection		CPR	DSP	SDD		Intersection		CPR	DSP	SDD		Intersection		CPR	DSP	SDD
1	LOAD HOLE	13:40:55	1.173	19.94	-0.093	2	SHUTDOWN	13:43:11	0.205	-14.47	8.298	3	MIX CEMENT	13:43:30	0.000	-0.080	8.322
4	PUMP WATER SPACER	13:49:55	0.860	39.02	8.326	5	PUMP CEMENT	13:51:48	3.911	677.2	15.55	6	PUMP DISPLACEMENT	13:52:57	3.903	332.4	9.291
7	SHUTDOWN	13:57:17	1.121	26.44	8.522	8	POOH	13:57:31	0.000	-1.017	0.266	9	CLEAN LINES	14:00:05	0.885	21.48	-0.065
10	REVERSE OUT	14:10:03	0.878	19.56	-0.049	11	SHUTDOWN	14:16:31	0.216	112.6	8.535	12	POOH	14:16:46	0.000	1.795	8.472

Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 14:24

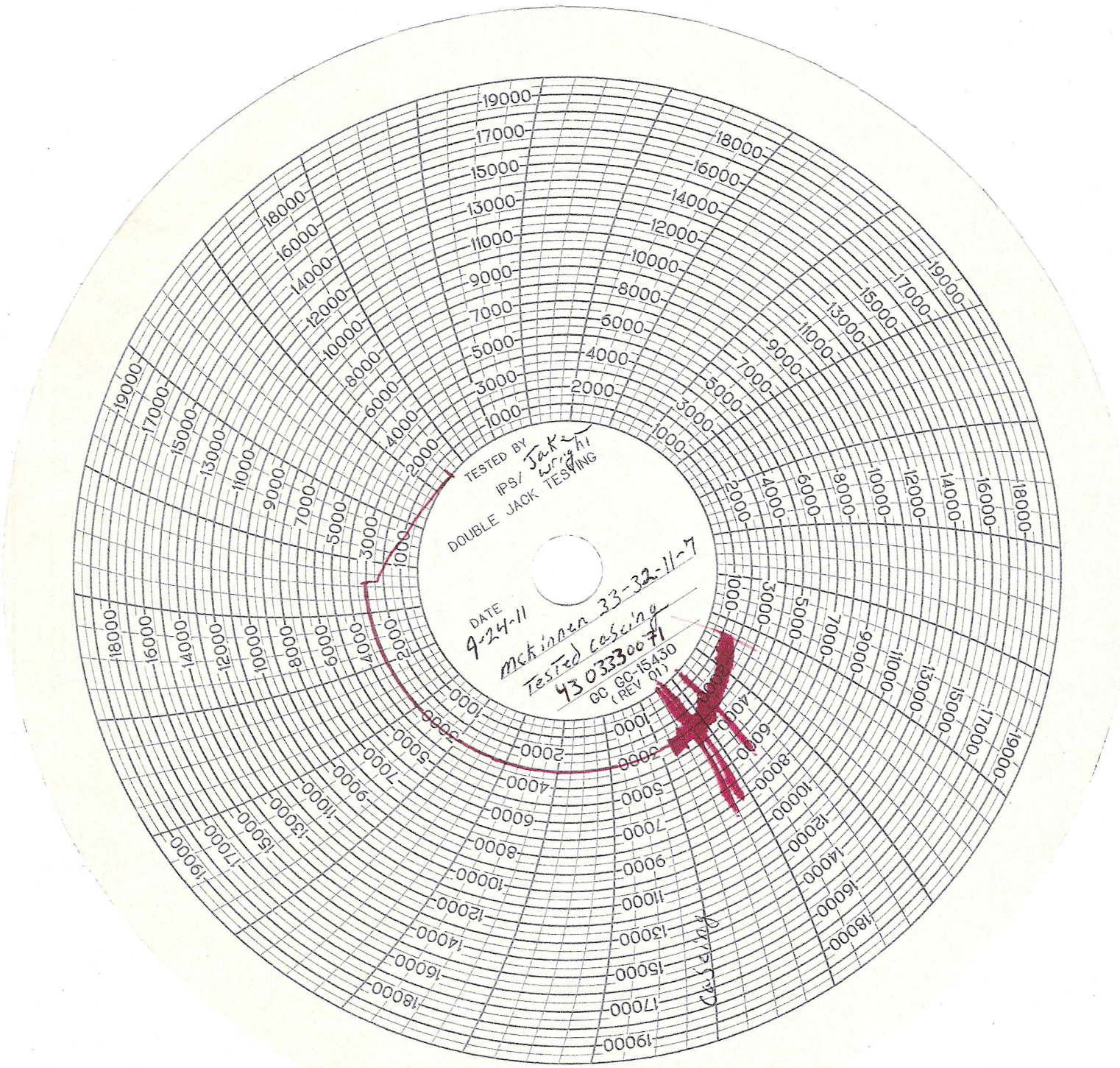
BILL BARRET 33-32-11-7 PTA PLUG #4

Local Event Log

	Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR		Intersection		T1D	T1P	T1SR
1	PUMP WATER	14:42:53	0.110	-5.000	0.338	2	PUMP TOP OUT	14:48:49	15.50	59.16	2.100	3	SHUTDOWN	14:50:19	16.19	76.64	0.295
4	PUMP TOP OUT	14:54:17	16.07	27.62	0.400	5	SHUTDOWN	14:56:58	9.659	100.1	0.900	6	END JOB	14:57:18	10.38	26.48	0.000

Customer: BILL BARRET	Job Date: 26-Sep-2011	Sales Order #: 8497114
Well Description: 33-32-11-7	JOB TYPE PTA	SUPERVISOR TRINITY LEATHAM

OptiCem v6.4.9
26-Sep-11 15:24


TESTED BY
IPS/ Jake Wright
DOUBLE JACK TESTING
DATE
9-24-11
McKinnon 33-32-11-7
Tested casing
43033300 71
GC GC-15450
(REV 01)

RECEIVED
OCT 2 5 2011
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME:

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: McKinnon 33-32-11-7

2. NAME OF OPERATOR: Bill Barrett Corporation

9. API NUMBER: 4303330071

3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 299-9949

10 FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 2566' FSL, 2568' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 2438' FSL, 2480' FEL

AT TOTAL DEPTH: 2438' FSL, 2480' FEL 2439 FSL 2482 FEL/EG

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

12. COUNTY: Rich

13. STATE: UTAH

14. DATE SPUDDED: 3/11/2009

15. DATE T.D. REACHED: 5/11/2010

16. DATE COMPLETED: ~~10/20/2010~~ 9/22/2011 DA ABANDONED ☑ READY TO PRODUCE ☑ NO

17. ELEVATIONS (DF, RKB, RT, GL): 6267' GL

18. TOTAL DEPTH: MD 9,654 TVD ~~9,187~~ 9641

19. PLUG BACK T.D.: MD 9,605 TVD ~~9,187~~ 9592

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL, Triple Combo

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 cond		0	60	60			0	
12.25	9.625 J-55	36	0	2,535	2,527	varicem 730	355	0	
8.75	5.5 P110	20	0	9,654	9,651	G 1,200	510	262	15000

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9,101							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Meade Peak	9,237	9,345		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
9,237 9,345	0.43	72	Open ☐ Squeezed ☑
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,237 TO 9,345	Meade Peak Shale: 48,985 lbs 100 Mesh, 97,385 lbs 20/40 Sand, 69,96 BBLS Slurry

29. ENCLOSED ATTACHMENTS:

☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Abandon

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Base Water	1,756
Retort Shale	9,002
Franson Limestone	9,016
Meade Peak Shale	9,193
Grandeur Limestone	9,410
Wells	9,496
TD	9,604

35. ADDITIONAL REMARKS (Include plugging procedure)

Well did not go to first sales, production test data not available. Well abandon 9/22/2011 per P&A procedure submitted 9/21/2011

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Megan Finnegan TITLE Permit Analyst

SIGNATURE [signature] DATE 10/25/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Bill Barrett Corporation

Project:	RICH COUNTY UT
Site:	MCKINNON #33-32-11-7
Well:	MCKINNON #33-32-11-7
Wellbore:	MCKINNON #33-32-11-7
Design:	MCKINNON #33-32-11-7
Lat:	41° 39' 2.100 N
Long:	111° 10' 40.250 W
KB:	WELL @ 6283.30ft (KB)
GR:	6265.30

Weatherford

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL MCKINNON #33-32-11-7	8967.00	0.00	0.00	480088.81	2088045.38	41° 39' 2.100 N	111° 10' 40.250 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8967.00	0.00	0.00	8967.00	0.00	0.00	0.00	0.00	0.00	TD at 8967.00

WELL DETAILS: MCKINNON #33-32-11-7

Ground Level: 6265.30

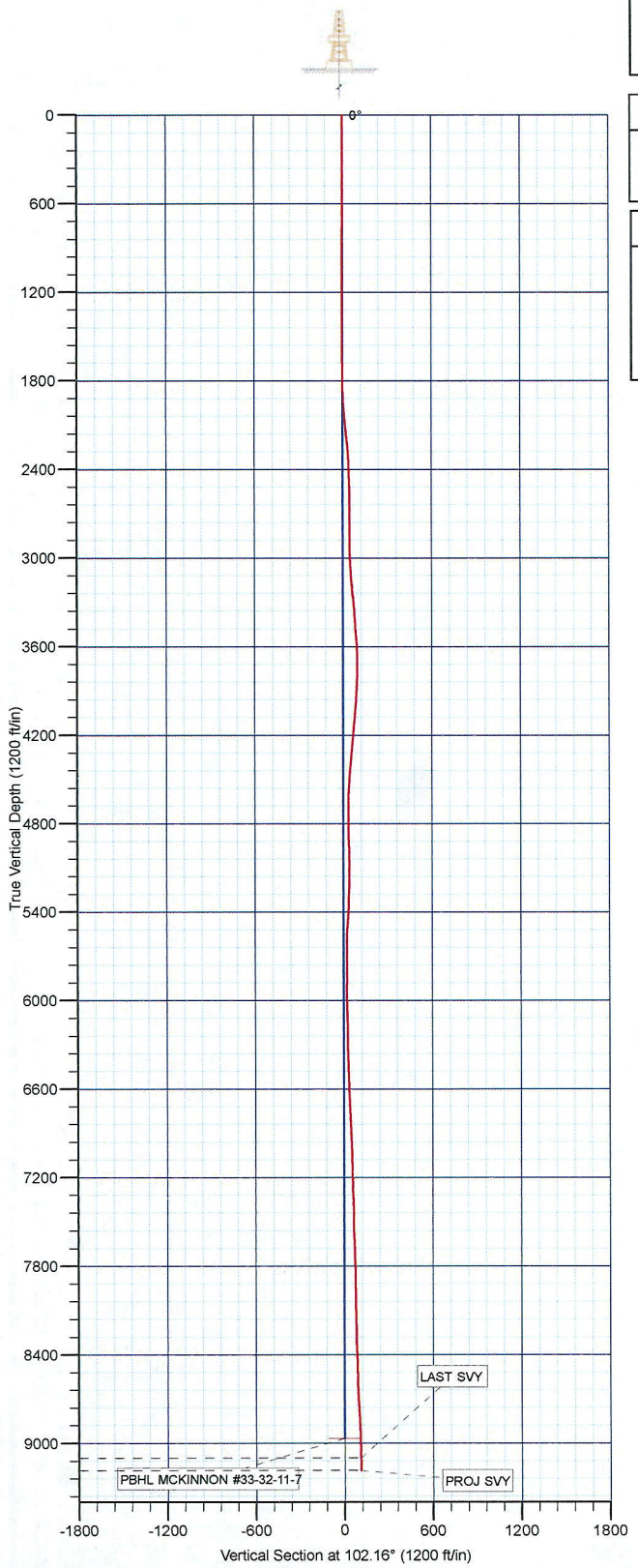
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	480088.81	2088045.38	41° 39' 2.100 N	111° 10' 40.250 W	

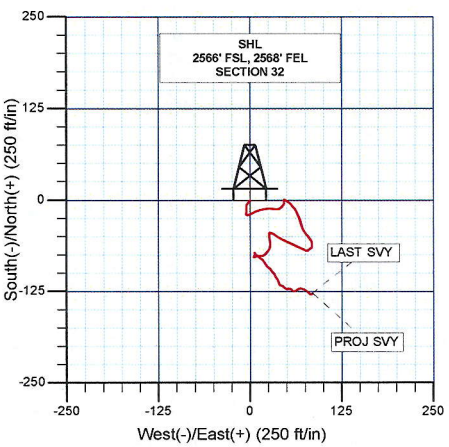
CASING DETAILS

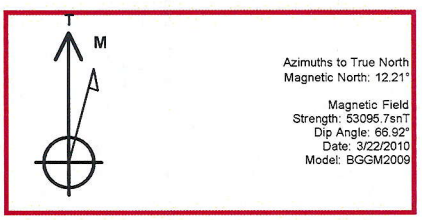
TVD	MD	Name	Size
2500.00	2500.00	9 5/8"	9-5/8

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1500.00	1500.00	TWIN CREEK
2686.00	2686.00	GYPSUM SPRINGS
2926.00	2926.00	NUGGET
4026.00	4026.00	ANKAREH
5708.00	5708.00	THAYNES
7082.00	7082.00	WOODSIDE
7732.00	7732.00	DINWOODY
8182.00	8182.00	PHOSPHORIA
8258.00	8258.00	RETORT SHALE
8479.00	8479.00	MEAD PEAK SHALE
8714.00	8714.00	GRANDEUR LIMESTONE
8817.00	8817.00	WELLS







Survey: Survey #1 (MCKINNON #33-32-11-7/MCKINNON #33-32-11-7)

Created By: TRACY WILLIAMS Date: 9:00, April 30 2010

Bill Barrett Corporation

Project:	RICH COUNTY UT
Site:	MCKINNON #33-32-11-7
Well:	MCKINNON #33-32-11-7
Wellbore:	MCKINNON #33-32-11-7
Design:	MCKINNON #33-32-11-7
Lat:	41° 39' 2.100 N
Long:	111° 10' 40.250 W
KB:	WELL @ 6283.30ft (KB)
GR:	6265.30

Weatherford

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL MCKINNON #33-32-11-7	8967.00	0.00	0.00	480088.81	2088045.38	41° 39' 2.100 N	111° 10' 40.250 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8967.00	0.00	0.00	8967.00	0.00	0.00	0.00	0.00	0.00	TD at 8967.00

WELL DETAILS: MCKINNON #33-32-11-7

Ground Level: 6265.30

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	480088.81	2088045.38	41° 39' 2.100 N	111° 10' 40.250 W	

CASING DETAILS

TVD	MD	Name	Size
2500.00	2500.00	9 5/8"	9-5/8

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1500.00	1500.00	TWIN CREEK
2686.00	2686.00	GYPSUM SPRINGS
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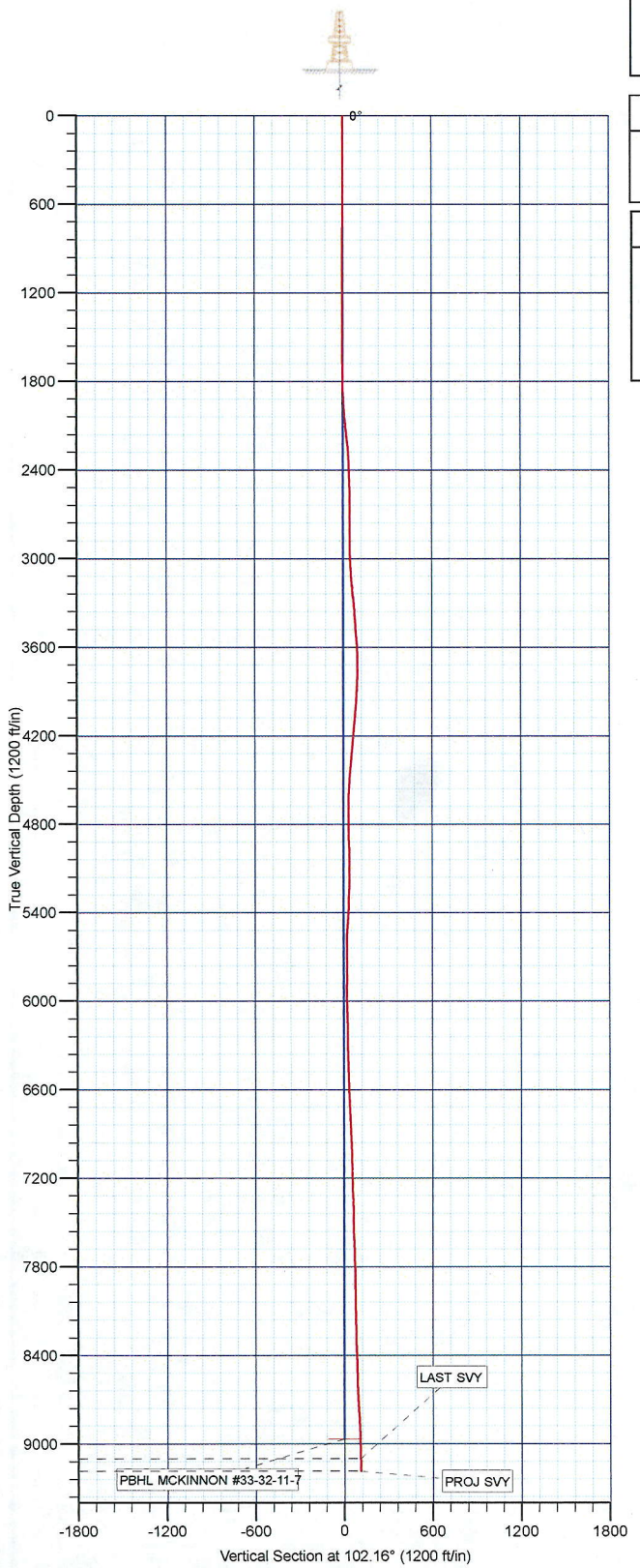
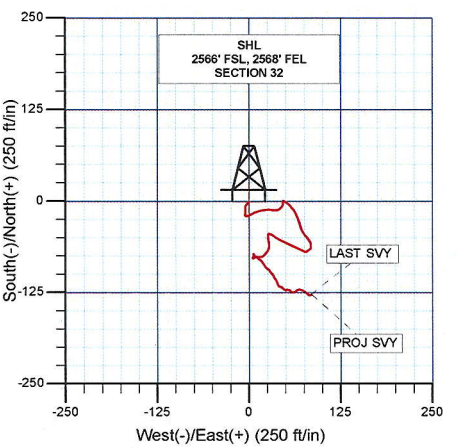
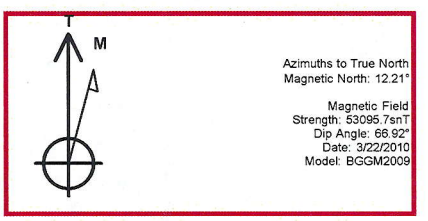
8479.00	8479.00	MEAD PEAK SHALE
8714.00	8714.00	GRANDEUR LIMESTONE
8817.00	8817.00	WELLS







Survey: Survey #1 (MCKINNON #33-32-11-7/MCKINNON #33-32-11-7)

Created By: TRACY WILLIAMS Date: 9:00, April 30 2010

Bill Barrett Corporation

BILL BARRETT CORP

RICH COUNTY UT
MCKINNON #33-32-11-7
MCKINNON #33-32-11-7

MCKINNON #33-32-11-7

Survey: Survey #1

Standard Survey Report

30 April, 2010

Weatherford®

Company:	BILL BARRETT CORP	**Local Co-ordinate Reference:**	Well MCKINNON #33-32-11-7
Project:	RICH COUNTY UT	**TVD Reference:**	WELL @ 6283.30ft (KB)
Site:	MCKINNON #33-32-11-7	**MD Reference:**	WELL @ 6283.30ft (KB)
Well:	MCKINNON #33-32-11-7	**North Reference:**	True
Wellbore:	MCKINNON #33-32-11-7	**Survey Calculation Method:**	Minimum Curvature
Design:	MCKINNON #33-32-11-7	**Database:**	EDM 2003.21 Single User Db

Project RICH COUNTY UT

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site MCKINNON #33-32-11-7

Site Position:		**Northing:**	480,088.81 ft	**Latitude:**	41° 39' 2.100 N
From:	Lat/Long	**Easting:**	2,088,045.38 ft	**Longitude:**	111° 10' 40.250 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.21 °

Well MCKINNON #33-32-11-7

Well Position	**+N/-S**	0.00 ft	**Northing:**	480,088.81 ft	**Latitude:**	41° 39' 2.100 N
	+E/-W	0.00 ft	**Easting:**	2,088,045.38 ft	**Longitude:**	111° 10' 40.250 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,265.30 ft

Wellbore MCKINNON #33-32-11-7

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2009	3/22/2010	12.21	66.92	53,096

Design MCKINNON #33-32-11-7

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	102.16

Survey Program **Date** 4/30/2010

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
757.00	9,200.00	Survey #1 (MCKINNON #33-32-11-7)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
757.00	0.65	218.46	756.98	-3.36	-2.67	-1.90	0.09	0.09	0.00
916.00	0.65	220.37	915.97	-4.76	-3.82	-2.73	0.01	0.00	1.20
1,108.00	0.51	194.21	1,107.96	-6.41	-4.73	-3.27	0.15	-0.07	-13.63
1,299.00	0.94	181.21	1,298.95	-8.80	-4.97	-3.01	0.24	0.23	-6.81
1,489.00	1.19	179.09	1,488.92	-12.34	-4.97	-2.26	0.13	0.13	-1.12
1,680.00	1.81	184.46	1,679.85	-17.33	-5.18	-1.41	0.33	0.32	2.81
1,871.00	1.25	83.09	1,870.81	-20.08	-3.34	0.96	1.25	-0.29	-53.07
1,985.00	5.06	63.96	1,984.61	-17.72	2.41	6.09	3.42	3.34	-16.78
2,011.00	5.88	64.59	2,010.50	-16.65	4.64	8.05	3.16	3.15	2.42
2,043.00	6.13	65.46	2,042.32	-15.24	7.68	10.72	0.83	0.78	2.72
2,075.00	6.44	68.71	2,074.13	-13.88	10.90	13.58	1.47	0.97	10.16
2,107.00	6.56	73.46	2,105.92	-12.70	14.33	16.68	1.72	0.38	14.84

Company:	BILL BARRETT CORP	**Local Co-ordinate Reference:**	Well MCKINNON #33-32-11-7
Project:	RICH COUNTY UT	**TVD Reference:**	WELL @ 6283.30ft (KB)
Site:	MCKINNON #33-32-11-7	**MD Reference:**	WELL @ 6283.30ft (KB)
Well:	MCKINNON #33-32-11-7	**North Reference:**	True
Wellbore:	MCKINNON #33-32-11-7	**Survey Calculation Method:**	Minimum Curvature
Design:	MCKINNON #33-32-11-7	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,138.00	6.69	78.71	2,136.72	-11.85	17.80	19.89	2.00	0.42	16.94
2,170.00	6.63	84.09	2,168.50	-11.29	21.46	23.36	1.96	-0.19	16.81
2,202.00	6.31	89.21	2,200.30	-11.08	25.06	26.83	2.06	-1.00	16.00
2,234.00	5.69	94.46	2,232.12	-11.18	28.40	30.12	2.59	-1.94	16.41
2,266.00	4.88	98.34	2,263.99	-11.50	31.33	33.05	2.77	-2.53	12.13
2,298.00	3.94	92.96	2,295.89	-11.75	33.77	35.49	3.21	-2.94	-16.81
2,330.00	3.31	90.46	2,327.83	-11.82	35.79	37.48	2.03	-1.97	-7.81
2,362.00	2.69	87.09	2,359.78	-11.78	37.47	39.11	2.01	-1.94	-10.53
2,394.00	2.25	77.09	2,391.75	-11.61	38.83	40.40	1.92	-1.38	-31.25
2,425.00	1.94	66.59	2,422.73	-11.26	39.90	41.38	1.59	-1.00	-33.87
2,457.00	1.84	52.86	2,454.71	-10.74	40.81	42.16	1.45	-0.31	-42.91
2,565.00	3.00	43.21	2,562.62	-7.63	44.13	44.74	1.13	1.07	-8.94
2,661.00	2.13	13.21	2,658.52	-4.06	46.26	46.07	1.64	-0.91	-31.25
2,758.00	1.69	357.96	2,755.47	-0.88	46.62	45.76	0.69	-0.45	-15.72
2,852.00	0.56	355.58	2,849.45	0.97	46.53	45.28	1.20	-1.20	-2.53
2,916.00	0.44	105.71	2,913.45	1.21	46.74	45.44	1.29	-0.19	172.08
3,012.00	2.56	121.21	3,009.41	0.00	48.93	47.84	2.23	2.21	16.15
3,107.00	4.44	128.84	3,104.23	-3.41	53.61	53.13	2.03	1.98	8.03
3,202.00	7.67	143.09	3,198.69	-10.78	60.29	61.20	3.72	3.40	15.00
3,297.00	9.94	160.21	3,292.58	-23.57	66.87	70.34	3.62	2.39	18.02
3,392.00	7.63	161.09	3,386.46	-37.25	71.69	77.93	2.44	-2.43	0.93
3,487.00	5.31	135.59	3,480.87	-46.36	76.81	84.86	3.83	-2.44	-26.84
3,582.00	5.38	148.46	3,575.46	-53.30	82.22	91.60	1.26	0.07	13.55
3,678.00	4.19	177.46	3,671.14	-60.64	84.73	95.60	2.77	-1.24	30.21
3,773.00	2.88	235.84	3,765.98	-65.45	82.91	94.83	3.82	-1.38	61.45
3,869.00	2.31	226.96	3,861.88	-68.12	79.50	92.06	0.72	-0.59	-9.25
3,964.00	4.87	295.56	3,956.72	-67.69	74.46	87.05	4.80	2.69	72.21
4,060.00	5.31	294.09	4,052.35	-64.12	66.73	78.74	0.48	0.46	-1.53
4,155.00	5.50	293.71	4,146.92	-60.49	58.55	69.97	0.20	0.20	-0.40
4,250.00	4.94	297.96	4,241.53	-56.75	50.76	61.58	0.72	-0.59	4.47
4,345.00	5.00	297.71	4,336.17	-52.90	43.49	53.65	0.07	0.06	-0.26
4,440.00	4.63	304.09	4,430.84	-48.83	36.65	46.11	0.68	-0.39	6.72
4,535.00	3.56	296.08	4,525.59	-45.38	30.82	39.69	1.27	-1.13	-8.43
4,631.00	0.88	292.96	4,621.51	-43.78	27.46	36.07	2.79	-2.79	-3.25
4,727.00	1.19	200.84	4,717.50	-44.43	26.43	35.20	1.57	0.32	-95.96
4,822.00	1.94	179.96	4,812.47	-46.96	26.08	35.39	0.98	0.79	-21.98
4,914.00	3.07	177.09	4,904.38	-50.98	26.21	36.36	1.24	1.23	-3.12
5,011.00	3.91	162.32	5,001.20	-56.72	27.34	38.68	1.26	0.87	-15.23
5,105.00	4.06	197.34	5,094.99	-62.95	27.33	39.97	2.55	0.16	37.26
5,201.00	3.31	214.21	5,190.79	-68.49	24.75	38.63	1.37	-0.78	17.57
5,297.00	3.88	223.96	5,286.60	-73.12	20.94	35.87	0.87	0.59	10.16
5,392.00	3.69	265.21	5,381.41	-75.69	15.66	31.25	2.81	-0.20	43.42
5,487.00	3.05	271.56	5,476.25	-75.87	10.09	25.85	0.78	-0.67	6.68
5,583.00	1.88	218.46	5,572.17	-77.04	6.56	22.64	2.54	-1.22	-55.31
5,678.00	1.56	4.34	5,667.15	-76.97	5.69	21.77	3.46	-0.34	153.56
5,773.00	1.25	30.59	5,762.12	-74.79	6.31	21.92	0.74	-0.33	27.63
5,869.00	1.69	350.59	5,858.09	-72.49	6.61	21.73	1.13	0.46	-41.67
5,964.00	0.50	221.71	5,953.08	-71.42	6.11	21.01	2.15	-1.25	-135.66
6,059.00	1.71	134.44	6,048.06	-72.72	6.84	22.01	1.85	1.27	-91.86
6,154.00	2.31	145.21	6,143.01	-75.28	8.95	24.61	0.74	0.63	11.34
6,249.00	0.63	28.59	6,237.98	-76.40	10.29	26.15	2.79	-1.77	-122.76
6,345.00	1.44	135.59	6,333.97	-76.80	11.39	27.31	1.80	0.84	111.46
6,440.00	2.19	119.84	6,428.92	-78.55	13.80	30.03	0.94	0.79	-16.58
6,535.00	2.50	132.84	6,523.84	-80.86	16.89	33.55	0.65	0.33	13.68

Company:	BILL BARRETT CORP	**Local Co-ordinate Reference:**	Well MCKINNON #33-32-11-7
Project:	RICH COUNTY UT	**TVD Reference:**	WELL @ 6283.30ft (KB)
Site:	MCKINNON #33-32-11-7	**MD Reference:**	WELL @ 6283.30ft (KB)
Well:	MCKINNON #33-32-11-7	**North Reference:**	True
Wellbore:	MCKINNON #33-32-11-7	**Survey Calculation Method:**	Minimum Curvature
Design:	MCKINNON #33-32-11-7	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,630.00	3.00	149.21	6,618.74	-84.41	19.68	37.02	0.97	0.53	17.23
6,726.00	2.38	149.46	6,714.63	-88.28	21.98	40.08	0.65	-0.65	0.26
6,821.00	3.81	129.34	6,809.49	-91.98	25.43	44.23	1.87	1.51	-21.18
6,917.00	2.63	149.34	6,905.34	-95.90	29.02	48.57	1.68	-1.23	20.83
7,013.00	2.57	125.72	7,001.24	-99.05	31.89	52.04	1.11	-0.06	-24.60
7,108.00	1.88	171.59	7,096.18	-101.84	33.84	54.54	1.94	-0.73	48.28
7,206.00	3.13	142.34	7,194.09	-105.55	35.71	57.14	1.79	1.28	-29.85
7,302.00	1.73	157.88	7,290.00	-108.96	37.86	59.96	1.60	-1.46	16.19
7,398.00	2.56	157.96	7,385.93	-112.29	39.21	61.98	0.86	0.86	0.08
7,486.00	1.95	151.10	7,473.86	-115.43	40.67	64.07	0.76	-0.69	-7.80
7,581.00	1.10	73.08	7,568.84	-116.57	42.33	65.93	2.14	-0.89	-82.13
7,677.00	1.34	124.37	7,664.82	-116.94	44.13	67.78	1.12	0.25	53.43
7,771.00	2.61	127.92	7,758.76	-118.88	46.73	70.72	1.36	1.35	3.78
7,867.00	1.88	124.11	7,854.69	-121.10	49.76	74.15	0.78	-0.76	-3.97
7,930.00	0.33	35.80	7,917.67	-121.53	50.72	75.18	3.01	-2.46	-140.17
7,962.00	0.96	16.68	7,949.67	-121.20	50.85	75.24	2.05	1.97	-59.75
8,057.00	0.49	91.92	8,044.67	-120.45	51.48	75.70	1.01	-0.49	79.20
8,152.00	2.45	100.32	8,139.63	-120.83	53.89	78.13	2.07	2.06	8.84
8,247.00	1.34	151.85	8,234.58	-122.18	56.41	80.88	2.03	-1.17	54.24
8,342.00	1.55	128.58	8,329.55	-123.96	57.94	82.75	0.65	0.22	-24.49
8,437.00	2.09	70.14	8,424.51	-124.17	60.57	85.37	1.93	0.57	-61.52
8,533.00	2.39	53.78	8,520.44	-122.39	63.83	88.18	0.73	0.31	-17.04
8,628.00	1.49	71.62	8,615.39	-120.83	66.60	90.56	1.13	-0.95	18.78
8,723.00	2.88	96.37	8,710.32	-120.71	70.15	94.00	1.74	1.46	26.05
8,829.00	4.22	125.08	8,816.12	-123.24	75.99	100.24	2.06	1.26	27.08
8,925.00	2.67	138.14	8,911.94	-126.94	80.37	105.31	1.80	-1.61	13.60
PBHL MCKINNON #33-32-11-7									
8,976.55	1.42	117.08	8,963.46	-128.12	81.74	106.89	2.79	-2.42	-40.85
9,020.00	0.96	59.71	9,006.90	-128.19	82.53	107.68	2.79	-1.06	-132.03
LAST SVY									
9,115.00	1.09	83.18	9,101.89	-127.68	84.12	109.13	0.46	0.14	24.71
PROJ SVY									
9,200.00	1.09	83.18	9,186.87	-127.49	85.72	110.65	0.00	0.00	0.00

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
9,115.00	9,101.89	-127.68	84.12	LAST SVY
9,200.00	9,186.87	-127.49	85.72	PROJ SVY

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: MCKINNON 33-32-11-7

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43033300710000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2566 FSL 2568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 32 Township: 11.0N Range: 07.0E Meridian: S

COUNTY: RICH

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	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
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Attached, please find the Letter of Understanding, signed by Bill Barrett Corporation and the Ross K. and Debra R. McKinnon Revocable Trust, outlining which party is respondsible for reclaiming this well site, access road and pit. Please contact Brady Riley at 303-312-8115 with questions.

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/08/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/28/2011

RECEIVED Nov. 28, 2011

Bill Barrett Corporation

Mr. and Mrs. Ross K. McKinnon, Trustees
Ross K. McKinnon and Debra R. McKinnon Revocable
Trust dated February 24, 1998
PO Box 272
Randolph UT 84064

October 26, 2011

RE: Letter of Understanding
Conveyance and Reclamation of the McKinnon 33-32-11-7 Well
T11N-R7E, Section 32: NWSE
Rich County, UT

Dear Mr. and Mrs. McKinnon:

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Very truly yours,

Mike FitzMaurice
Geophysical Operations Manager

WE CONCUR AND AGREE TO THE ACTION ITEMS DESCRIBED HEREIN.

Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998

Ross K. McKinnon, Trustee

Debra R. McKinnon, Trustee

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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7.UNIT or CA AGREEMENT NAME:

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2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43033300710000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

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STATE: UTAH

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	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/08/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/7/2011

RECEIVED Nov. 07, 2011

Bill Barrett Corporation

Mr. and Mrs. Ross K. McKinnon, Trustees
Ross K. McKinnon and Debra R. McKinnon Revocable
Trust dated February 24, 1998
PO Box 272
Randolph UT 84064

October 26, 2011

RE: Letter of Understanding
Conveyance and Reclamation of the McKinnon 33-32-11-7 Well
T11N-R7E, Section 32: NWSE
Rich County, UT

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Very truly yours,

Mike FitzMaurice
Geophysical Operations Manager

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Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998

Ross K. McKinnon, Trustee

Debra R. McKinnon, Trustee

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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7.UNIT or CA AGREEMENT NAME:

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2. NAME OF OPERATOR: BILL BARRETT CORP

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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

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Approved by the Utah Division of Oil, Gas and Mining

Date: 12/08/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/7/2011

RECEIVED Nov. 07, 2011

Bill Barrett Corporation

Mr. and Mrs. Ross K. McKinnon, Trustees
Ross K. McKinnon and Debra R. McKinnon Revocable
Trust dated February 24, 1998
PO Box 272
Randolph UT 84064

October 26, 2011

RE: Letter of Understanding
Conveyance and Reclamation of the McKinnon 33-32-11-7 Well
T11N-R7E, Section 32: NWSE
Rich County, UT

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Very truly yours,

Mike FitzMaurice
Geophysical Operations Manager

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Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998

Ross K. McKinnon, Trustee

Debra R. McKinnon, Trustee

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

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2. NAME OF OPERATOR: BILL BARRETT CORP

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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

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Approved by the Utah Division of Oil, Gas and Mining

Date: 12/08/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/28/2011

RECEIVED Nov. 28, 2011

Bill Barrett Corporation

Mr. and Mrs. Ross K. McKinnon, Trustees
Ross K. McKinnon and Debra R. McKinnon Revocable
Trust dated February 24, 1998
PO Box 272
Randolph UT 84064

October 26, 2011

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T11N-R7E, Section 32: NWSE
Rich County, UT

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Geophysical Operations Manager

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Ross K. McKinnon, Trustee

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
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	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached, please find the Letter of Understanding, signed by Bill Barrett Corporation and the Ross K. and Debra R. McKinnon Revocable Trust, outlining which party is respondsible for reclaiming this well site, access road and pit. Please contact Brady Riley at 303-312-8115 with questions.

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/08/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 11/28/2011

RECEIVED Nov. 28, 2011

Bill Barrett Corporation

Mr. and Mrs. Ross K. McKinnon, Trustees
Ross K. McKinnon and Debra R. McKinnon Revocable
Trust dated February 24, 1998
PO Box 272
Randolph UT 84064

October 26, 2011

RE: Letter of Understanding
Conveyance and Reclamation of the McKinnon 33-32-11-7 Well
T11N-R7E, Section 32: NWSE
Rich County, UT

Dear Mr. and Mrs. McKinnon:

This letter is intended to put forth in writing Bill Barrett Corporation's ("BBC") understanding of the plan for reclamation of the pit, access road and well site for the McKinnon well referenced above. The following is an outline of the items that have been discussed and agreed to:

1. BBC will assume responsibility to clean the pit, remove the liner and to remove any contaminants encountered therein;
2. Mr. Ross McKinnon will assume responsibility and take delivery of the well pad, the access road and the actual pit.
3. Mr. Ross McKinnon will also assume as his sole responsibility, all reclamation work needed and required to reclaim the pit at a future point in time.
4. Mr. Ross McKinnon will take the gravel that is currently on the location and will not require BBC to remove or haul it away.

By the signatures below, both BBC and the Ross K. McKinnon and Debra R. McKinnon Revocable Trust concur and agree to the action items described in this Letter of Understanding relating to the reclamation of the McKinnon 33-32-11-7 well.

Very truly yours,

Mike FitzMaurice
Geophysical Operations Manager

WE CONCUR AND AGREE TO THE ACTION ITEMS DESCRIBED HEREIN.

Ross K. McKinnon and Debra R. McKinnon Revocable Trust dated February 24, 1998

Ross K. McKinnon, Trustee

Debra R. McKinnon, Trustee